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PART II

Reference

(PART II)

DEPARTMENT OF THE ARMY FIELD MANUAL

STAFF OFFICERS' FIELD MANUAL

ORGANIZATIONAL, TECHNICAL

AND LOGISTICAL DATA

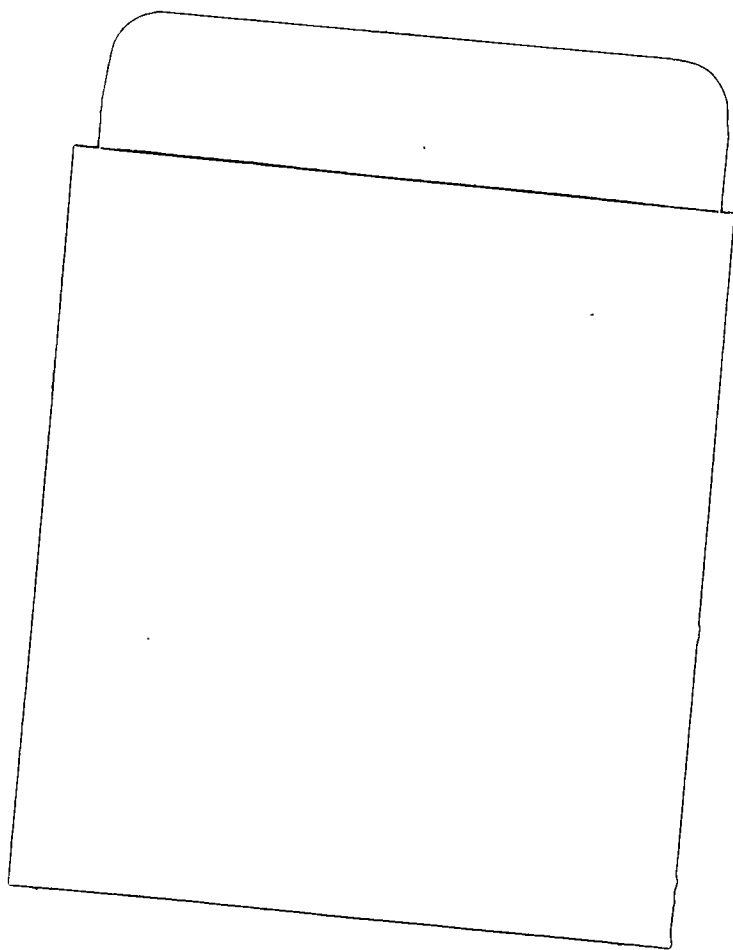
PART II EXTRACTS OF TABLES

OF ORGANIZATION AND EQUIPMENT



HEADQUARTERS, DEPARTMENT OF THE ARMY

DECEMBER 1961



FOREWORD

FM 101-10, *Staff Officers' Field Manual—Organizational, Technical, and Logistical Data*, consists of three parts published as separate volumes.

Part I—Unclassified Data

Part II—Extracts of Tables of Organization and Equipment

Part III—Classified Data

PART II

This volume is for use as a planning guide only. It provides general troop planning data for staff officers of all echelons. Detailed reference data are found in appropriate tables of organization and equipment (TOE). The user should be aware that although Department of the Army doctrine is based on the organizations shown in this manual, studies and tests are constantly being conducted to determine additional organization and equipment changes which may be required.

The extracts of TOE contained in this manual are based primarily on Department of the Army TOE. However, in certain cases, data based on USCONARC tentative TOE and advance information on proposed TOE are included for ready reference. When these type TOE data are presented, they are so indicated. Strength figures for organizations were obtained from *The Troop Program of the Army, Annex III—Reference Digest of Tables of Organization and Equipment and Type Tables of Distribution*, 31 July 1961, and latest published TOE available at time of preparation of manual. There are no data in this manual pertaining to ROAD divisional organizations. For meaning of abbreviations used in this manual, see AR 320-50. When air transportability is not indicated, data were not available at time of preparation. This volume is applicable to nuclear and nonnuclear warfare.

Chapter 1 contains data concerning the mission, assignment, capabilities, strength, basis of allocation, and mobility of those nondivisional tactical and tactical support units most frequently used. Data on divisional combat units are contained in FM 101-10, part I, chapter 1. Where appropriate, tabular data have been included to indicate numbers of major weapons, vehicles, and equipment.

Chapter 2 contains pertinent extracts from TOE showing the mission, assignment, capabilities, strength, basis of allocation, and mobility of nondivisional technical and administrative service units. Tabular data have been included to indicate numbers of major weapons, vehicles, and equipment of selected combat support units.

Chapter 3 contains pertinent extracts concerning special-purpose organizations. Sufficient information is included to indicate missions, strengths, capabilities, etc., of these units.

Classified data pertaining to TOE are published in FM 101-10, part III. Where appropriate, reference is made herein to FM 101-10, part III.

Users of this manual are encouraged to submit recommended changes or comments to improve the manual. Comments should be keyed to the specific page, TOE, and line of the text in which the change is recommended. Reasons should be provided for each comment to insure understanding and complete evaluation. Comments should be forwarded direct to Commandant, United States Army Command and General Staff College, Fort Leavenworth, Kansas. See AR 310-3 for desired format of recommendations for corrections and changes.

United States Army Command and General Staff College will prepare and process changes to this manual on a regularly scheduled basis.

Source data cutoff date for material contained in this manual is 1 September 1961.

FIELD MANUAL
No. 101-10
PART II

HEADQUARTERS,
DEPARTMENT OF THE ARMY
WASHINGTON 25, D.C., 14 December 1961

STAFF OFFICERS' FIELD MANUAL
ORGANIZATIONAL, TECHNICAL, AND LOGISTICAL DATA
PART II—EXTRACTS OF TABLES OF ORGANIZATION AND EQUIPMENT

	Page
CHAPTER 1. NONDIVISIONAL TACTICAL AND TACTICAL SUPPORT UNITS	
Section I. Aviation	3
II. Field artillery	9
III. Infantry	29
IV. Armor	35
V. US Army missile commands and special weapons	41
VI. Air defense artillery	51
VII. Air reconnaissance support battalion	71
CHAPTER 2. NONDIVISIONAL TECHNICAL AND ADMINISTRATIVE SERVICE UNITS	
Section I. Chemical	73
II. Engineer	80
III. Medical	112
IV. Ordnance	124
V. Quartermaster	151
VI. Signal	176
VII. Adjutant general	205
VIII. Finance	209
IX. Military police	211
X. Transportation	223
CHAPTER 3. OTHER UNITS	
Section I. Personnel	263
II. Judge advocate general	265
III. Composite	267
IV. Military intelligence	275
V. US Army Security Agency	285
VI. Psychological warfare and special forces	286
VII. Civil affairs	291
VIII. Public information and censorship	294
IX. Field army, corps, and logistical command headquarters	295
X. Type B units	298

* This manual supersedes FM 101-10, part II, 16 November 1960.

TABLES

		Page
Table	I. Aviation (nondivisional) major weapons and vehicles	8
	II. Field artillery (nondivisional) major weapons, vehicles, and vehicular equipment	21
	III. Field artillery missile battalion, LITTLE JOHN rocket, major weapons and vehicles, TOE 6-565T	23
	IV. Field artillery missile battalion, CORPORAL, major weapons, vehicles, and vehicular equipment, TOE 6-545E	23
	V. Field artillery target acquisition battalion major weapons, vehicles, and target acquisition equipment, TOE 6-575D	25
	VI. Field artillery missile battalion, LACROSSE, self-propelled, major weapons and vehicles, TOE 6-585T	26
	VII. Field artillery missile battalion, REDSTONE, major weapons, vehicles, and vehicular equipment, TOE 6-635P	27
	VIII. US Army field artillery missile warhead support detachment major weapons and vehicles, TOE 6-500T	28
	IX. Infantry (nondivisional) major weapons and vehicles	33
	X. DAVY CROCKETT team (augmentation) major weapons and vehicles, TOE 7-97T	35
	XI. Armor (nondivisional) major weapons and vehicles	39
	XII. US Army missile command (medium) major weapons, vehicles, and vehicular equipment, TOE 39-61P	47
	XIII. Headquarters and headquarters detachment, US Army artillery warhead support group major weapons and vehicles, TOE 39-401T	51
	XIV. Air defense artillery (nondivisional) major weapons, vehicles, and vehicular equipment	64
	XV. Air defense artillery (missile) (nondivisional) major weapons, vehicles, and vehicular equipment	66
	XVI. Air defense artillery target detachment major weapons, vehicles, and target equipment, TOE 44-8E	69
	XVII. US Army air defense artillery missile warhead support organization major weapons and vehicles, TOE 44-500T	70
	XVIII. Air reconnaissance support battalion major weapons and vehicles, TOE 51-15C	72
	XIX. Engineer combat battalion (Army) major weapons, vehicles, and vehicular equipment, TOE 5-35D	110
	XX. Engineer float bridge company major weapons, vehicles, and vehicular and bridging equipment, TOE 5-78E	111
	XXI. Transportation light truck company major weapons and vehicles, TOE 55-17E	258
	XXII. Transportation tactical carrier company major weapons and vehicles, TOE 55-47D	259
	XXIII. Transportation light helicopter company major weapons and vehicles, TOE 55-57D	260
	XXIV. Transportation medium helicopter company major weapons and vehicles, TOE 55-58T	261

CHAPTER 1

NONDIVISIONAL TACTICAL AND TACTICAL SUPPORT UNITS

Section I. AVIATION

1-25T (Tentative) Sky Cav Bn

Mission. a. To perform reconnaissance through the use of a combination of ground and air reconnaissance elements over wide fronts and extended distances.

b. To provide security by surveillance and by air transport of organic airborne reconnaissance elements to critical areas.

Assignment. Organic to US Army missile command (medium), TOE 39-61T.

Capabilities. a. Performs reconnaissance and surveillance over wide fronts and extended distances through the use of a combination of assigned troops; aircraft; ground vehicles; photographic equipment; television; intrusion detection devices; air/ground radar; and chemical, biological, and radiological (CBR) detection devices.

b. Provides limited aerial transport for organic airborne reconnaissance elements.

c. Provides limited aerial resupply for organic elements.

d. Reconnoiters targets for nuclear weapon strikes and obtains damage assessment of these strikes.

e. Performs security.

f. Participates in counterreconnaissance missions.

g. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 85 WO 14 EM 620 Agg 719.

Basis of allocation. One per US Army missile command (medium), TOE 39-61T.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles and armament, see table I.

1-26T (Tentative) HQ, H&S Co, Sky Cav Bn

Mission. To furnish command, administration, supply, and maintenance for the sky cavalry battalion.

Assignment. Organic to sky cavalry battalion, TOE 1-25T.

Capabilities. a. Commands, controls, performs staff planning, and furnishes communications and supervision of operations.

b. Furnishes supply, transportation, and administration for organic and attached units.

c. Provides unit-level medical service, to include medical care and evacuation, for the sky cavalry battalion. Establishes an aid station and furnishes aidmen to supported units.

d. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 17 WO 2 EM 128 Agg 147.

Basis of allocation. One per sky cavalry battalion, TOE 1-25T.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles and armament, see table I.

1-27T (Tentative) Sky Cav Co

Mission. a. To perform reconnaissance through the use of a combination of ground and air reconnaissance elements over wide fronts and extended distances.

b. To provide security by surveillance and by air transport of organic airborne reconnaissance platoon to critical areas.

Assignment. Organic to sky cavalry battalion, TOE 1-25T.

Capabilities. a. Performs reconnaissance and surveillance over wide fronts and extended

distances through the use of a combination of assigned troops; aircraft; ground vehicles; photographic equipment; television; intrusion detection devices; air/ground radar; and CBR detection devices.

b. Provides limited aerial transport for airborne reconnaissance platoon.

c. Provides limited aerial resupply for the sky cavalry company.

d. Reconnoiters targets for nuclear weapon strikes and obtains damage assessment of these strikes.

e. Performs security.

f. Participates in counterreconnaissance missions.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 17 WO 3 EM 123 Agg 143.

Basis of allocation. Four per sky cavalry battalion, TOE 1-25T.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles and armament, see table I.

1-37T (Tentative) Aerial Survl Co, US Army MSLCOMD (Mdm) (SETAF)

Mission. To perform aerial observation and surveillance over wide fronts and extended distances through the use of Army aircraft, drones, air-delivered ground patrols, and ground observation for the purpose of collecting information to be used for developing targets and providing security.

Assignment. Organic to US Army missile command (medium) (SETAF).

Capabilities. a. Performs observation and surveillance over wide fronts and extended distances through the use of a combination of assigned troops, aircraft, photographic equipment, air and ground radar, and surveillance drones.

b. Provides limited aerial transport for ground reconnaissance patrols.

c. Provides limited aerial resupply for organic elements.

d. Collects information for the purpose of developing targets for nuclear weapon strikes and damage assessment of the strikes.

e. Performs security.

f. Participates in counterreconnaissance missions.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 23 WO 4 EM 204 Agg 231.

Basis of allocation. One per US Army missile command (medium) (SETAF).

Mobility. One hundred percent mobile.

Remarks. a. For data concerning vehicles and armament, see table I.

b. This unit was tentatively organized to meet the aerial surveillance requirements peculiar to the 1st US Army Missile Command (Medium) (SETAF).

1-64P (Proposed) Avn Co, US Army MSLCOMD (Mdm)

Mission. To provide air transport support, including reconnaissance and liaison, for the US Army missile command (medium), for the commander and staff, and for commanders of subordinate units of the missile command not possessing organic aircraft.

Assignment. Organic to US Army missile command (medium), TOE 39-61P.

Capabilities. a. Provides day or night air transport for troops and/or cargo within the capabilities of the aircraft.

b. Provides air transport for the commander and staff of the missile command and commanders of subordinate units not possessing aircraft.

c. Provides wire laying by aircraft in support of the signal company and air resupply to isolated radio-relay stations.

d. Provides air movement of specialist teams, critical items, and critical supplies and parts.

e. Provides aerial ambulance evacuation from subordinate elements to the medical company.

f. Provides emergency transport for warheads and rockets and priority resupply to units.

g. Provides airlift for radiological survey and engineer atomic demolition munitions.

h. Provides local air traffic control and terminal guidance at an airfield.

i. For maximum effort, with all aircraft operating and available, will provide—

- (1) Four light transport helicopters within 100-mile radius from sea level to 1,000 feet elevation to transport simultaneously any one of the following type loads:

Type hel	Troops (240 lb)	Cargo (tons)	Litters
H-34	56	6.8	32
or			
H-21	56	5.6	48

- (2) Four transport airplane (U-1A) within 100-mile radius to transport simultaneously any one of the following type loads:

- (a) Five tons of cargo (1.25 tons per airplane).
- (b) Thirty-six combat troops (nine per airplane).
- (c) Twenty-four litter patients (six per airplane).
- (d) Any appropriate combination of the above.

- (3) The following aircraft, as required:

- (a) Three observation helicopters (H-13).
- (b) Three light observation airplanes (L-19).
- (c) Four utility helicopters (HU-1).

j. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 32 WO 8 EM 117 Agg 157.

Basis of allocation. Two per US Army missile command (medium), TOE 39-61P.

Mobility. One hundred percent mobile, utilizing organic vehicles and aircraft.

Remarks. a. For data concerning vehicles and armament, see table XII.

b. Above data are included for planning purposes only and do not reflect final DA approval.

1-67D Armd Cav Regt Avn Co

Mission. To increase the combat effectiveness of the armored cavalry regiment by providing the regiment and its elements with immediately responsive aviation support.

Assignment. Organic to armored cavalry regiment, TOE 17-51D.

Capabilities. a. Provides continuous (day and night) flight operations during visual weather conditions.

b. Provides limited operations under instrument weather conditions.

c. Performs aerial surveillance, to include—

- (1) Daylight oblique and vertical photographs and night vertical photography from piloted and drone aircraft.
- (2) Visual observation, reconnaissance, and surveillance for the purpose of terrain study; locating, verifying, and evaluating targets; and adjusting artillery and mortar fire.
- (3) Radar and radiological surveillance from piloted and drone aircraft.

d. Provides aerial movement of troops, supplies, and equipment within the combat zone.

e. Provides continuous limited aeromedical evacuation from the immediate battlefield under conditions of normal operations.

f. Provides battlefield illumination.

g. This unit is dependent on headquarters and headquarters troop, armored cavalry regiment, TOE 17-52D, for personnel administration.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 43 WO 1 EM 124 Agg 168.

Basis of allocation. One per armored cavalry regiment, TOE 17-51D.

Mobility. a. One hundred percent mobile with use of aircraft.

b. Unit, less organic aircraft, is 100 percent air-transportable in heavy transport aircraft.

Remarks. For data concerning vehicles and armament, see table XI.

1-102P (Proposed) HQ & HQ Co, Avn Gp

Mission. To provide command, control, staff planning, and administrative supervision of assigned or attached transportation transport aircraft battalions.

Assignment. To field army.

Capabilities. a. Provides command, staff planning, coordination, and supervision of operation of all assigned or attached units.

b. Supervises maintenance and logistical functions of attached or assigned units.

c. Assists the Army aviation officer in planning the employment of Army aviation units.

d. The unit has only limited capability of defending itself and its installations against hostile ground attacks.

Strength. Off 12 WO 5 EM 60 Agg 77 (estimated).

Basis of allocation. Undetermined.

Mobility. Fifty percent mobile when utilizing organic vehicles and aircraft.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

1-107T (Tentative) Avn FW Lt Transport Co

Mission. To provide air transport to expedite tactical operations and logistical support in the combat zone.

Assignment. To field army. Normally attached to headquarters and headquarters detachment, transportation transport aircraft battalion, TOE 55-56D.

Capabilities. a. Provides tactical aerial mobility and aerial supply of combat forces in the combat zone.

b. Operates the transportation transport aircraft battalion base airfield under day, night, and limited visibility conditions.

c. Establishes local air traffic control and terminal facilities at loading and unloading areas.

d. Transports troops and/or supplies within 100-mile radius under day, night, or limited visibility conditions as follows:

(1) One hundred and seventy-six combat troops or 20 tons of supplies with all aircraft available and operating.

(2) One hundred and thirty-two combat troops or 15 tons of supplies during sustained operations, dependent on aircraft availability.

(3) Eleven combat troops or 1½ tons of cargo per available aircraft.

e. Provides movement of specialist teams, critical items, and critical supplies and parts.

f. Provides aeromedical evacuation.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 14 WO 24 EM 102 Agg 140.

Basis of allocation. Four per field army. Normally one per headquarters and headquarters detachment, transportation transport aircraft battalion, TOE 55-56D.

Mobility. a. Fifty percent mobile.

b. Unit, less organic aircraft, is 100 percent air-transportable in heavy transport aircraft.

Remarks. For data concerning vehicles and armament, see table I.

1-117P (Proposed) Corps Arty Avn Co

Mission. To provide target acquisition and tactical and administrative aviation support to corps artillery and its elements.

Assignment. To corps artillery. Elements of the company may be attached on a continued-mission basis to artillery groups, which, in turn, are attached and operated under control of the corps artillery.

Capabilities. a. Provides all-weather, night, and day artillery aerial observation of the corps area of responsibility, to include visual and electronic-visual target acquisition, adjustment of artillery fire, and direct target damage assessment.

b. Performs artillery route, position, and survey reconnaissance.

c. Provides column control, wire laying, radio-relay, courier, and messenger service.

d. Performs aerial photography, to include daylight vertical and oblique and night vertical photography.

e. Provides airlift of critical items, supplies, and parts.

f. Provides aerial movement and support of survey teams.

g. Provides aerial transportation of commanders and staffs.

h. Provides battlefield illumination.

i. Provides supplemental aeromedical evacuation.

j. Provides radiological survey.

k. The unit and its elements are dependent on higher or supported headquarters for provision of air observers and augmentation of internal air and ground security capabilities.

l. Elements operating independently are dependent on the supported unit for mess and supply.

Strength. Off 59 EM 156 Agg 215 (estimated).

Basis of allocation. Undetermined.

Mobility. a. Seventy-five percent mobile when utilizing all organic aircraft and wheeled vehicles.

b. Unit, less organic aircraft, is 100 percent air-transportable in medium transport aircraft.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

1-127P (Proposed) Corps Avn Co

Mission. To provide the corps headquarters and its subordinate elements with immediately available and responsive aviation support and necessary air traffic control capability.

Assignment. To corps.

Capabilities. a. Provides air movement of small specialist teams and limited emergency aerial resupply of critical parts and supplies.

b. Provides aerial transportation for the corps commander and staff.

c. Provides facilities for air traffic regulation of Army aviation within the corps area.

d. Provides aircraft for—

(1) Column control, radio-relay, courier, and messenger service.

(2) Radiological survey.

(3) Road net reconnaissance and traffic survey.

e. Provides communications and airfield services for the corps base airfield.

f. Augments aeromedical evacuation.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 39 EM 124 Agg 163 (estimated).

Basis of allocation. One per corps.

Mobility. a. Seventy-five percent mobile.

b. Unit, less organic aircraft, is 100 percent air-transportable in heavy transport aircraft.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

1-137P (Proposed) Army Avn Co

Mission. To provide the field army headquarters and units subordinate to the field army headquarters with immediately available and responsive aviation support and necessary air traffic regulation.

Assignment. To a field army.

Capabilities. a. Provides aerial transportation for the field army commander and his staff.

b. Provides air movement of small specialist teams and limited emergency aerial resupply of critical supplies and parts.

c. Provides air traffic regulation of Army aviation within the field army area.

d. Provides aircraft support for column control, wire laying, radio-relay, courier, and messenger service.

e. Provides aircraft support for aerial observation, reconnaissance, battlefield illumination, and both day and night aerial photography.

f. Provides communications and airfield terminal control facilities for the field army base airfield.

Table I. Aviation (Nondivisional) Major Weapons and Vehicles

	1	2	3	4	5	6	7	
1	Item	Units	Sky cav bn TOE 1-25T			Aerial survl co (SETAF) TOE 1-37T	Avn FW lt transport co TOE 1-107T	AAODI TOE 1-207D
			Total bn	HQ, H&S co TOE 1-26T	4 sky cav co (ea) TOE 1-27T			
	<i>Weapons</i>							
2	Carbine, cal .30 -----	(244)	76	42	---	---	47	
3	Gun, mach, cal .30, Bng, M1919A4 -----	(4)	---	1	---	---	---	
4	Gun, mach, cal .50, Bng, hv bbl, flex -----	---	---	---	1	2	---	
5	Gun, mach, 7.62-mm, lt-weight, GP -----	---	---	---	4	4	---	
6	Gun, submach, cal .45 -----	(34)	34	---	---	---	---	
7	Launcher, rkt, 3.5-in -----	(16)	---	4	4	2	---	
8	Pistol, auto-semiauto, cal .45 -----	(112)	8	26	23	38	1	
9	Rifle, auto, cal .30, Bng, M1918A2 -----	(24)	---	6	---	---	---	
10	Rifle, US, cal .30 -----	(305)	29	69	---	---	11	
11	Rifle, semiauto, 7.62-mm, lt bbl -----	---	---	---	208	102	---	
12	Individual weapons -----	(719)	147	143	231	140	59	
13	Crew-served weapons -----	(20)	---	5	9	8	---	
14	Total weapons -----	(739)	147	148	240	148	59	
	<i>Aircraft</i>							
15	Airplane, transport -----	---	---	---	2	16	---	
16	Airplane, transport, util -----	(16)	---	4	---	---	---	
17	Airplane, obsn, lt -----	(9)	1	2	3	---	---	
18	Airplane, survl, cmbt -----	---	---	---	6	---	---	
19	Airplane, util -----	(16)	---	4	3	---	---	
20	Hel, transport, lt -----	---	---	---	3	---	---	
21	Hel, obsn -----	(1)	1	---	---	---	---	
22	Hel, util -----	(18)	2	4	---	---	---	
23	Total aircraft -----	(60)	4	14	17	16	---	
	<i>Wheeled Vehicles</i>							
24	Fftg equip set, Army acft crash, trk-mtd, set no 21 -----	(4)	---	1	1	1	1	
25	Trk, amb, frontline, ¼-ton, 4 × 4 -----	(4)	4	---	---	---	---	
26	Trk, util, ¼-ton, 4 × 4 -----	(27)	11	4	10	4	3	
27	Trk, cgo, ¾-ton, 4 × 4 -----	(24)	12	3	14	5	2	
28	Trk, cgo, ¾-ton, 4 × 4, WWN -----	---	---	---	1	---	---	
29	Trk, cgo, 2½-ton, 6 × 6, LWB -----	(21)	5	4	19	3	---	
30	Trk, cgo, 2½-ton, 6 × 6, LWB, WWN -----	(5)	1	1	10	2	3	
31	Trk, lt wkr, 2½-ton, 6 × 6, WWN -----	---	---	---	---	1	---	
32	Trk, shop van, 2½-ton, 6 × 6 -----	(8)	---	2	1	1	---	
33	Trk, tk, gas, 2½-ton, 6 × 6 -----	(8)	---	2	3	4	4	
34	Trk, trac, 2½-ton, 6 × 6, LWB -----	---	---	---	---	---	1	
35	Trk, cgo, 5-ton, 6 × 6, LWB -----	(8)	8	---	---	---	---	
36	Trk, cgo, 5-ton, 6 × 6, LWB, WWN -----	(2)	2	---	---	---	---	
37	Trk, mdm wkr, 5-ton, 6 × 6, WWN -----	(1)	1	---	---	---	---	
38	Total wheeled vehicles -----	(112)	44	17	59	21	14	
	<i>Trailers</i>							
39	Stlr, van, sup, 12-ton, 4-wheel -----	---	---	---	---	---	1	
40	Tlr, amph, cgo, ¼-ton, 2-wheel -----	---	---	---	7	4	1	
41	Tlr, cgo, ¼-ton, 2-wheel -----	(14)	2	3	---	---	---	
42	Tlr, cgo, ¾-ton, 2-wheel -----	(21)	9	3	11	5	---	
43	Tlr, cgo, 1½-ton, 2-wheel -----	(24)	12	3	14	2	1	
44	Tlr, tk, water, 1½-ton, 2-wheel -----	(5)	1	1	1	1	---	
45	Tlr, cgo, genr, 2-ton, 4-wheel -----	---	---	---	1	1	---	
46	Total trailers -----	(64)	24	10	34	13	3	

1 Includes airfield aug team.

g. Augments aeromedical evacuation.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 38 EM 127 Agg 165 (estimated).

Basis of allocation. One per field army.

Mobility. a. Seventy-five percent mobile.

b. Unit, less organic aircraft, is 100 percent air-transportable in heavy transport aircraft.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

1-207D AAOD

Mission. To facilitate Army flight operations by providing flight information and planning data; coordination of day, night, and instrument flights; en route navigation aids; air traffic control and operations service for Army aviation units.

Assignment. To corps, field army, or other major Army airfield installations in the theater army logistical command.

Capabilities. a. Performs the above mission at a corps or field army airfield or other major Army airfield handling a daily average of 50 aircraft.

b. Furnishes flight planning data; day, night, and instrument flight coordination; en route navigation aids; and letdown facilities for Army aviation units located in the assigned area.

c. Extends above capabilities by addition of the airfield augmentation team (WO 1 EM 14) to provide services for up to 200 aircraft.

d. This unit is dependent on appropriate Air Force weather cell to provide weather observation and forecasting service.

e. Detachments are not self-sufficient and will be attached to other units for administration, mess, and supply. Mess and automotive maintenance teams, when required and the support is not otherwise available, will be drawn from TOE 29-500D.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 EM 39 Agg 44.

Basis of allocation. One per corps, field army, or major Army airfield in the theater army logistical command.

Mobility. a. Twenty-five percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. For data concerning vehicles and armament, see table I.

Section II. FIELD ARTILLERY

6-()P (Proposed) FA Gun Bn, 175-mm

Strength. Agg 528 (estimated).
(TOE data are not available.)

6-()P (Proposed) FAM Bn, SERGEANT

Strength. Agg 200 (estimated).

Remarks. The field artillery missile battalion, SERGEANT, will be a replacement for the field artillery missile battalion, CORPORAL, TOE 6-545E. The SERGEANT missile will offer improvements in power, range, and reliability over the CORPORAL. The SERGEANT is a highly mobile, air-transportable, surface-to-surface ballistic missile and utilizes a solid propellant which provides improved storage ca-

pabilities. It can deliver a nuclear blow deep into enemy lines and in flight is invulnerable to any known enemy countermeasures. Handling ease of this missile system makes it particularly adaptable to field operations in most tactical situations.

6-()P (Proposed) FAM Bn, PERSHING

Strength. Agg 500 (estimated).

Remarks. The field artillery missile battalion, PERSHING, will be a replacement for the field artillery missile battalion, REDSTONE, TOE 6-635P. The PERSHING missile is smaller, lighter, and more mobile than the REDSTONE. The PERSHING is a surface-to-surface, solid-

propellant ballistic missile that will be employed in the field army.

6-64P (Proposed) FA Tgt Acq Btry

Mission. To provide target acquisition, ballistic meteorological, and survey support for the US Army missile command (medium).

Assignment. Organic to US Army missile command (medium), TOE 39-61P.

Capabilities. a. Detects, identifies, and accurately locates targets horizontally or vertically.

b. Provides ballistic meteorological support.

c. Provides artillery survey support for the missile command.

d. Provides wind data, cloud height, and dimensions for the determination of fallout prediction.

e. Verifies the location and yield of nuclear fires delivered by the missile command.

f. Furnishes its portion of the communication, administration, and logistical support.

g. Possesses cross-country mobility.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 WO 7 EM 265 Agg 278.

Basis of allocation. Two per US Army missile command (medium), TOE 39-61P.

Mobility. One hundred percent mobile.

Remarks. a. For data concerning vehicles and armament, see table XII.

b. Above data are included for planning purposes only and do not reflect final DA approval.

6-315D FA How Bn, 105-mm, SP

Mission. To provide direct or general artillery support, including its component of division artillery observation, communication, liaison, and survey systems; to reinforce fires of other artillery units.

Assignment. May be attached to any higher headquarters.

Capabilities. a. Provides close and continuous artillery support, to include observation,

communication, liaison, and survey for a combat command or similar unit; general support for an armored division or similar unit; reinforces the fires of other artillery battalions; rapid displacement.

b. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 31 WO 3 EM 475 Agg 509.

Basis of allocation. As required.

Mobility. a. One hundred percent mobile.

b. Not air-transportable.

Remarks. For components and data concerning vehicles and armament, see table II.

6-401D HQ & HQ Btry, FA Gp

Mission. To provide tactical control and administrative supervision of field artillery battalions.

Assignment. a. To field army; normally attached to corps or other major unit.

b. Organic to US Army missile command (medium).

Capabilities. a. Provides command, control, staff planning, and supervision of operations and administration of attached units.

b. Provides limited unit-level medical service.

c. Provides the following when augmented:

- (1) When augmented by air observers (Off 2), the observation capabilities of the unit are expanded.
- (2) The chaplain augmentation (Off 1 EM 1) is authorized for each two attached battalions in excess of four.
- (3) When augmented by the aviation section (Off 3 EM 5), sufficient Army aviation support is organic to the group headquarters and headquarters battery.

d. Individuals of this unit, except chaplains and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 16 WO 2 EM 93 Agg 111.

Basis of allocation. a. One per three to six attached artillery battalions.

b. Two per US Army missile command (medium), TOE 39-61P.

c. One per US Army missile command (medium), TOE 39-61T.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. For data concerning vehicles and armament, see table II.

6-405D FA How Bn, 105-mm, Towed

Mission. To provide direct or general artillery support, including its component of artillery observation, communication, liaison, and survey systems; to reinforce fires of other artillery units.

Assignment. To a field army. Normally attached to a corps, division, or other major unit.

Capabilities. a. Provides close and continuous artillery support, to include observation, communication, liaison, and survey for an infantry battle group or similar unit; provides general support for an infantry division or similar unit; reinforces the fire of other artillery battalions; rapid displacement.

b. Provides unit-level medical service, to include medical care and evacuation for the units of the battalion.

c. Possesses cross-country mobility.

d. Provides second-echelon maintenance.

e. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 27 WO 3 EM 486 Agg 516.

Basis of allocation. As required by any higher headquarters.

Mobility. One hundred percent mobile.

Remarks. For components and data concerning vehicles and armament, see table II.

6-415D FA How Bn, 8-in, Towed or SP

Mission. To provide general artillery support and/or reinforcing fires to units of a division, corps, or field army.

Assignment. Normally assigned to field artillery group.

Capabilities. a. Maneuvers massed, indirect, neutralizing, harassing, and interdicting fires within a large area; delivers direct and indirect destructive fires on fixed targets; possesses cross-country mobility.

b. Engages targets beyond the range or power of light and medium artillery by counter-battery fire, by fire on hostile reserves, by restricting movement in rear area, and by disrupting hostile command, communication, and other important installations.

c. Furnishes its portion of the observation, communication, liaison, and survey required by the battalion mission.

d. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. When organized as field artillery howitzer battalion, 8-inch, towed:

Off 30 WO 3 EM 545 Agg 578.

b. When organized as field artillery howitzer battalion, 8-inch, self-propelled:

Off 30 WO 3 EM 495 Agg 528.

Basis of allocation. a. Field artillery howitzer battalion, 8-inch, towed. Normally two per corps.

b. Field artillery howitzer battalion, 8-inch, self-propelled. Normally four per corps.

Mobility. a. One hundred percent mobile.

b. Field artillery howitzer battalion, 8-inch, towed: 100 percent air-transportable in medium transport aircraft, except for bulldozers.

c. Field artillery howitzer battalion, 8-inch, self-propelled: not air-transportable.

Remarks. a. For components and data concerning vehicles and armament, see table II.

b. For classified capabilities, see FM 101-10, part III.

6-425D FA How Bn, 155-mm, Towed or SP

Mission. To provide general artillery support, including its component of artillery observation, communication, liaison, and survey systems; to reinforce fires of other artillery units.

Assignment. May be attached to any higher headquarters.

Capabilities. a. Provides general artillery support, to include observation, communication, and survey for an infantry division or similar unit; reinforces the fire of other artillery battalions.

b. Provides unit-level medical service, to include medical care and evacuation for the units of the battalion.

c. Possesses cross-country mobility.

d. Provides second-echelon maintenance.

e. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 27 WO 3 EM 545 Agg 575.

Basis of allocation. As required by any higher headquarters.

Mobility. One hundred percent mobile.

Remarks. For components and data concerning vehicles and armament, see table II.

6-500T (Tentative) US Army FAM Whd Spt Det

Mission. a. To provide by team composition for the custody, control, storage, maintenance support, and monitoring of nuclear warhead sections and components (or nonnuclear components).

b. To perform nuclear warhead/missile mating installation or operations by team composition, depending on tactical and logistical considerations involved.

Assignment. Teams may be attached or assigned as required to fixed-strength units or may be organized into support units to per-

form custodial and monitoring functions under varying conditions.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and grouping of teams.

b. Basis for computation of mess and automotive maintenance teams, to support the control, custodial, and monitoring functions, will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance. These teams will be provided as required from TOE 29-500D.

c. Units organized utilizing these teams may be made operationally self-sufficient except for the following functions:

- (1) Transportation and escort personnel will be required to move warhead sections from US Army ammunition supply points or oversea storage sites (or unloading points) to missile battery storage/firing sites.
- (2) Construction and maintenance of storage sites, extension of communications, and external unit security, in accordance with the local area of operations, will require support to be furnished by the supported forces.
- (3) Interpreters and translators, when needed in the performance of normal support mission, will be provided from appropriate teams available.

d. Individuals of these teams, except medical personnel, can fight as infantrymen when required. A unit organized utilizing these teams has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. Normally one detachment with appropriate teams per supported surface-to-surface missile battalion (equivalent to a US Army HONEST JOHN rocket or CORPORAL battalion). Capabilities and allocation are indicated for each team in the detailed breakdown of teams.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles and armament, see table VIII.

Part 1—Administrative and Headquarters Detachment

Team AA, detachment headquarters

Capabilities. Provides command and control of two or more security sections and one or more monitoring sections, depending on location. Provides wrecker support for at least two maintenance and assembly detachments.

Strength. Off 2 EM 6 Agg 8.

Basis of allocation. One per one or more support functions.

Part 2—Maintenance and Assembly Detachments

Teams EA and EB

Team EA, maintenance and assembly

Capabilities. Provides qualified personnel and equipment to supervise and accomplish nuclear warhead/missile mating, nuclear warhead and components checkout, and nuclear warhead monitoring for CORPORAL missile battalions.

Strength. WO 1 EM 6 Agg 7.

Basis of allocation. Normally one per each supported CORPORAL missile battalion.

Team EB, maintenance and assembly

Capabilities. Provides qualified personnel and equipment to supervise and accomplish nuclear warhead/missile mating, nuclear warhead and components checkout, and nuclear warhead monitoring for HONEST JOHN rocket battalions.

Strength. Off 1 EM 6 Agg 7.

Basis of allocation. Normally one per each supported HONEST JOHN rocket battalion.

Part 3—Security Detachment

Team FA, security

Capabilities. Provides personnel and equipment to maintain continuous custody of nuclear warhead sections or components at a warhead

storage installation used as storage site in an HONEST JOHN rocket or CORPORAL area.

Strength. Off 1 EM 19 Agg 20.

Basis of allocation. Normally one per storage site.

Part 4—Communications Detachment

Team GA, communications

Capabilities. Provides personnel and equipment for the operation and maintenance of radio and telephone nets within the field artillery missile warhead support organization.

Strength. EM 7.

Basis of allocation. Normally one per each supported missile battalion.

Part 5—Medical Detachment

Team HA, medical support

Capabilities. Provides limited unit-level medical service, to include medical care and evacuation; establishes an aid station; and furnishes an aidman for detachment units.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. Normally one per warhead support detachment.

6-501D HQ & HQ Btry, Corps Arty or Abn Corps Arty

Mission. To provide tactical control and administrative supervision of assigned and attached units.

Assignment. To corps; airborne corps.

Capabilities. a. Provides command, control, staff planning, and supervision of operations and administration of assigned and attached units.

b. Lands by parachute or aircraft when assigned to an airborne corps.

c. When augmented by—

- (1) Air observers (Off 2), the observation capabilities of the unit are expanded.
- (2) Aviation detachment (Off 3 EM 6), sufficient field army aviation support is organic to headquarters and head-

quarters battery, corps artillery, or airborne corps artillery.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 26 WO 4 EM 129 Agg 159.

Basis of allocation. One per corps; one per airborne corps.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. For data concerning vehicles and armament, see table II.

6-525D FAM Bn, HJ Rkt, SP

Mission. To provide general field artillery support and/or reinforcing fires to units of a division, corps, or field army.

Assignment. a. To field army or independent corps. May be attached to corps for further attachment to field artillery group or division as required.

b. Organic to US Army missile command (air-transportable), TOE 39-51D.

c. Organic to US Army missile command (medium). See remarks below.

Capabilities. a. Delivers indirect, neutralizing, harassing, interdicting, and destructive fires with a variety of warheads.

b. Furnishes its portion of the communication, liaison, and survey required by the battalion mission.

c. Draws, transports, stores, assembles, tests, and repairs rockets and associated equipment.

d. Provides unit-level medical service, to include medical care and evacuation, for the field artillery missile battalion, HONEST JOHN rocket, self-propelled, and attached units; establishes an aid station; and furnishes aidmen to battalion units.

e. When augmented by the visual meteorological section (EM 4), the capabilities are expanded to include the provision of meteorological data with visual meteorological equipment.

f. When organic to US Army missile command (air-transportable), TOE 39-51D, this battalion will be augmented by the electronic meteorological section (WO 1 EM 14) to expand the capabilities to include the provision of meteorological data with electronic equipment.

g. In this organization, the battalion is the fire unit. The firing battery is not an administrative unit and is completely dependent on headquarters and service battery for administrative support.

h. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. When assigned to field army or separate corps; or when organic to field artillery rocket group, US Army missile command (medium), TOE 39-65T:

Off 19 WO 3 EM 208 Agg 230.

b. When organic to US Army missile command (air-transportable), TOE 39-51D:

Off 19 WO 4 EM 222 Agg 245. (Includes augmentation of electronic meteorological section.)

c. When organic to US Army missile command (medium), TOE 39-61P:

Off 19 WO 3 EM 246 Agg 268. (Includes augmentation of two security sections.)

Basis of allocation. a. Three per corps.

b. One per US Army missile command (air-transportable), TOE 39-51D.

c. Four per US Army missile command (medium), TOE 39-61P.

d. Two to four per field artillery rocket group, US Army missile command (medium), TOE 39-65T.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft. (Major disassembly of major items is required.)

Remarks. a. For data concerning vehicles and armament, see tables II and XII.

b. For classified capabilities, see FM 101-10, part III.

c. A proposed change to TOE 6-525D, which has USCONARC approval but has not been approved by DA, indicates the following:

- (1) Four battalions will be organic to US Army missile command (medium), TOE 39-61P. Normal employment will be to attach two battalions to each of the two headquarters and headquarters batteries, field artillery group, TOE 6-401D.
- (2) When the battalion is organic to US Army missile command (medium), TOE 39-61P, security elements for the safeguarding of nuclear materials will be required. Augmentation of two security sections (EM 19 each) will meet this requirement.

6-535D FA Gun Bn, 280-mm

Mission. To support forward area infantry and vulnerable static installations.

Assignment. To field army or separate corps.

Capabilities. a. Maneuvers massed, indirect, neutralizing, harassing, and interdicting fire within a large area and delivers indirect destructive fire on fixed targets.

b. Engages targets beyond the range or power of light or medium artillery by counter-battery fire, by fire on hostile reserves, by restricting movement in rear areas, and by disrupting hostile command, communication, and other important installations.

c. Furnishes its portion of observation, communication, liaison, and survey required by the battalion mission.

d. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 30 WO 6 EM 423 Agg 459.

Basis of allocation. To field army as required.

Mobility. One hundred percent mobile.

Remarks. a. For components and data concerning vehicles and armament, see table II.

b. For classified capabilities, see FM 101-10, part III.

6-545E FAM Bn, CORPORAL

Mission. To provide guided missile artillery fire in support of division, corps, or field army as required.

Assignment. a. To field army; may be attached to corps.

b. Organic to US Army missile command (medium), TOE 39-61P. See remarks below.

Capabilities. a. Delivers indirect, neutralizing, harassing, interdicting, and destructive fires with a variety of warheads.

b. Furnishes its portion of the communication, liaison, and survey required by the battalion mission.

c. Mobility permits deliberate occupation of position and displacement.

d. Draws, transports, stores, assembles, tests, and repairs missiles and associated equipment.

e. Provides unit-level medical service, to include medical care and evacuation for the field artillery missile battalion, CORPORAL; establishes an aid station; and furnishes aidmen to battalion units.

f. When augmented by the security section (EM 19), sufficient personnel and equipment are provided to fulfill the security requirements of AR 190-60 when required. The security section augmentation is required when the battalion is organic to the US Army missile command (medium), TOE 39-61P.

g. In this organization, the battalion is the fire unit. The firing battery is not an administrative unit and is completely dependent on headquarters battery for administrative and logistical support.

h. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. When assigned to field army:
Off 16 WO 6 EM 239 Agg 261.

b. When organic to US Army missile command (medium), TOE 39-61P:

Off 16 WO 6 EM 258 Agg 280.

Basis of allocation. a. Normally three per field army.

b. One per US Army missile command (medium), TOE 39-61P.

Mobility. a. One hundred percent mobile.

b. Air-transportable in heavy transport aircraft. (Major disassembly of the erector-launcher is required.)

Remarks. a. For data concerning vehicles and armament, see table IV.

b. For classified capabilities, see FM 101-10, part III.

c. TOE 6-545D is organic to the US Army missile command (medium), TOE 39-61T. The organization, mission, capabilities, etc., are similar to TOE 6-545E.

6-558D FA Slt Btry

Mission. To furnish direct or indirect illumination in support of tactical night operations.

Assignment. To corps artillery.

Capabilities. a. Provides mobile battlefield illumination for area of one corps under normal conditions. Each of the three platoons is capable of providing battlefield illumination for area of one division under normal conditions.

b. Provides organizational maintenance of organic equipment.

c. Provides communication system for control of organic searchlights.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 EM 158 Agg 166.

Basis of allocation. One per corps.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. For data concerning vehicles and armament, see table II.

6-565T (Tentative) FAM Bn, LITTLE JOHN Rkt

Mission. To provide field artillery missile fires for a US Army missile command (air-transportable).

Assignment. Organic to US Army missile command (air-transportable), TOE 39-51D.

Capabilities. a. Delivers indirect, neutralizing, interdicting, and destructive fires with a variety of warheads.

b. Furnishes its portion of the communication, liaison, fire direction, survey, and meteorological support required by the battalion mission.

c. Draws, transports, stores, assembles, and tests rockets, warheads, and associated equipment.

d. Provides unit-level medical service, to include medical care and evacuation for the field artillery missile battalion, LITTLE JOHN rocket, and attached units; establishes an aid station; and furnishes aidmen to battalion units.

e. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

f. In this organization, the battalion is the fire unit. The firing battery is not an administrative unit and is dependent on headquarters battery for administrative and logistical support.

Strength. Off 17 WO 4 EM 192 Agg 213.

Basis of allocation. One per US Army missile command (air-transportable), TOE 39-51D.

Mobility. a. One hundred percent mobile.

b. All personnel and materiel can be transported tactically by the C-119 and C-123 aircraft and transported strategically by the C-124 and C-130 aircraft.

c. Helicopter transportable.

Remarks. a. For data concerning vehicles and armament, see table III.

b. For classified capabilities, see FM 101-10, part III.

c. When published by DA, this unit will replace the field artillery missile battalion, HONEST JOHN rocket, self-propelled, TOE 6-525D, in the US Army missile command (air-transportable), TOE 39-51D.

6-575D FA Tgt Acq Bn

Mission. To provide general target acquisition, ballistic meteorological, and survey support for the artillery with the corps; to provide wind data necessary for the determination of fallout predictions and to verify the location of nuclear bursts fired by friendly forces; to register and to adjust field artillery fires; to perform comparative calibration of artillery weapons; and to provide its component of the corps communication, observation, and fire support coordination systems.

Assignment. To corps artillery or airborne corps artillery.

Capabilities. a. Provides general target acquisition, nuclear burst data on friendly delivered weapons, registration and adjustment of artillery fires, comparative calibration of artillery weapons, wind data necessary for the determination of fallout predictions, and ballistic meteorological and survey support to the artillery with the corps.

b. Provides unit-level medical service, to include medical care and evacuation for the units of the battalion.

c. Possesses cross-country mobility.

d. Performs organizational maintenance functions allocated in applicable equipment technical manuals.

e. When augmented by the aviation section (Off 3 EM 5) in headquarters battery, sufficient Army aviation support is organic to the battalion.

f. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 40 WO 9 EM 717 Agg 766.

Basis of allocation. One per corps artillery or airborne corps artillery.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles, armament, and target acquisition equipment, see table V.

6-576D HQ & HQ Btry, FA Tgt Acq Bn

Mission. To direct and coordinate operations of the battalion and attached units and to provide facilities for control of these units; to provide survey and ballistic meteorological support to the artillery with the corps; to provide wind data necessary to determine fallout predictions; and to provide long-range target acquisition to the corps artillery.

Assignment. Organic to field artillery acquisition battalion, TOE 6-575D.

Capabilities. a. Provides staff planning, supervision, coordination, and control of operations of organic and attached units.

b. Provides general target acquisition, survey, wind data necessary to determine fallout predictions, and ballistic meteorological support to the artillery with the corps.

c. Provides unit-level medical service, to include medical care and evacuation to the battalion and attached units; establishes an aid station; and furnishes aidmen to supported units.

d. Performs first- and second-echelon maintenance on its own equipment. Performs second-echelon motor maintenance as designated in maintenance allocation charts for the battalion and gives limited maintenance assistance and supervision in areas other than motor maintenance.

e. When augmented by the aviation section (Off 3 EM 5), sufficient Army aviation support for the battalion is organic to headquarters and headquarters battery, field artillery target acquisition battalion.

f. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 16 WO 6 EM 195 Agg 217.

Basis of allocation. One per field artillery target acquisition battalion, TOE 6-575D.

Mobility. One hundred percent mobile.

Remarks. a. For data concerning vehicles, armament, and target acquisition equipment, see table V.

b. The meteorological section (WO 1 EM 13) of headquarters and service battery, field artillery observation battalion, TOE 6-576C, augments the field artillery missile battalion, HONEST JOHN rocket, self-propelled, when the missile battalion is organic to US Army missile command (medium), TOE 39-61T.

c. Three survey platoons (Off 1 EM 37 (each)) of headquarters and service battery, field artillery observation battalion, TOE 6-576C, augment headquarters and headquarters battery, field artillery group, TOE 6-401D, when TOE 6-401D is organic to the US Army missile command (medium), TOE 39-61T.

6-577D FA Tgt Acq Btry

Mission. To provide target acquisition and registration and adjustment of friendly artillery by means of flash ranging, sound ranging, and radar over a portion of the corps area of operations; to verify the location of friendly delivered nuclear bursts within its area of operations; to perform comparative calibration of artillery weapons; and to provide its portion of the battalion observation, liaison, communication, and survey systems.

Assignment. Organic to field artillery target acquisition battalion, TOE 6-575D.

Capabilities. a. Possesses cross-country mobility.

b. Provides accurate topographic survey.

c. Locates enemy artillery by flash ranging, sound ranging, and radar.

d. Registers and adjusts artillery weapons.

e. Provides nuclear burst data on friendly weapons.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 WO 1 EM 174 Agg 183.

Basis of allocation. Three per field artillery target acquisition battalion, TOE 6-575D.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles, armament, and target acquisition equipment, see table V.

6-585T (Tentative) FAM Bn, LX, SP

Mission. To provide field artillery guided missile fires in general support of corps or division and to reinforce the fires of other artillery units.

Assignment. To field army. Normally attached to corps.

Capabilities. a. Delivers indirect, neutralizing, interdicting, and destructive fires with a variety of warheads.

b. Furnishes its portion of the communication, liaison, and survey required by the battalion mission.

c. Draws, transports, stores, assembles, tests, and repairs missiles and associated equipment.

d. Provides unit-level medical service, to include medical care and evacuation; establishes an aid station; and furnishes aidmen to battalion units.

e. When augmented by the security section (EM 19), sufficient personnel and equipment are provided to fulfill the security requirements of AR 190-60 when required.

f. In this organization, the battalion is the fire unit. The firing battery is not an administrative unit and is completely dependent on headquarters and service battery for administrative and logistical support.

g. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 19 WO 4 EM 225 Agg 248.

Basis of allocation. Normally three per corps.

Mobility. One hundred percent mobile.

b. Not air-transportable.

Remarks. a. For data concerning vehicles and armament, see table VI.

b. For classified capabilities, see FM 101-10, part III.

6-601P (Proposed) HQ & HQ Btry, Army Arty

Mission. To provide tactical control and administrative supervision of assigned and attached field artillery units.

Assignment. To field army.

Capabilities. Provides command, control, staff planning, and supervision of operations and administration of assigned and attached units.

Strength. Agg 150 (estimated).

Basis of allocation. One per field army.

Mobility. One hundred percent mobile.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

6-635P (Proposed) FAM Bn, REDSTONE

Mission. To provide field artillery missile nuclear fire in general support of a US field army.

Assignment. To US field army.

Capabilities. a. Supports by nuclear fire US ground forces.

b. Delivers nuclear fire on targets beyond the range and power of other field artillery units.

c. Provides for mass destruction of large area targets.

d. Provides continuous fire support during displacement consistent with rate of fire capabilities.

e. Provides organizational supply and field maintenance of the engineer equipment in the battalion and ordnance direct support for the equipment of the REDSTONE missile system.

f. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The organization has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 28 WO 14 EM 594 Agg 636.

Basis of allocation. As required.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Components. Composed of the following units:

One headquarters and headquarters battery, TOE 6-636P.

One engineer company, REDSTONE, TOE 5-214D.

Two field artillery missile batteries, REDSTONE, TOE 6-637P.

One ordnance company, REDSTONE, TOE 9-217P.

Remarks. a. For data concerning vehicles and armament, see table VII.

b. For classified capabilities, see FM 101-10, Part III.

c. Above data are included for planning purposes only and do not reflect final DA approval.

6-636P (Proposed) HQ & HQ Btry, FAM Bn, REDSTONE

Mission. To direct and coordinate operations of the battalion, provide facilities with which the battalion commander controls the battalion, maintain appropriate supply and personnel records, and perform motor maintenance functions within the battalion.

Assignment. Organic to field artillery missile battalion, REDSTONE, TOE 6-635P.

Capabilities. a. Provides staff planning, supervision, coordination, and control of operations of organic units of the battalion.

b. Draws and issues all classes of common supplies; furnishes limited administrative, logistical, and motor maintenance support to the missile firing batteries; and furnishes personnel administration for the battalion.

c. Provides unit-level medical service, to include medical care and evacuation; establishes an aid station; and furnishes aidmen to battalion units.

d. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 15 WO 3 EM 135 Agg 153.

Basis of allocation. One per field artillery missile battalion, REDSTONE, TOE 6-635P.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. a. For data concerning vehicles and armament, see table VII.

b. Above data are included for planning purposes only and do not reflect final DA approval.

6-637P (Proposed) FAM Btry, REDSTONE

Mission. To provide a firing component of the field artillery missile battalion, REDSTONE, in general support of a field army.

Assignment. Organic to field artillery missile battalion, REDSTONE, TOE 6-635P.

Capabilities. a. Delivers nuclear fire on targets beyond the range or power of other field artillery; continuous fire support during displacement.

b. Mobility permits deliberate occupation of position and displacement.

c. Draws, transports, stores, assembles, tests, and repairs missiles and associated equipment.

d. This unit has limited administrative capabilities and is dependent on the battalion headquarters battery for administrative and logistical support and second-echelon maintenance.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 2 WO 1 EM 74 Agg 77.

Basis of allocation. Two per field artillery missile battalion, REDSTONE, TOE 6-635P.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. a. For data concerning vehicles and armament, see table VII.

b. Above data are included for planning purposes only and do not reflect final DA approval.

Table III. Field Artillery Missile Battalion, LITTLE JOHN Rocket, Major Weapons and Vehicles, TOE 6-565T

1	2	3	4	5	6
Item	Total bn	Bn HQ	HQ btry	Firing btry	Med sec
<i>Weapons</i>					
Gun, mach, 7.62-mm, lt-weight, GP, on mount -----	20	---	12	8	---
Launcher, 318-mm rkt, XM34, with equipment -----	4	---	---	4	---
Launcher, rkt, 3.5-in -----	18	---	12	6	---
Pistol, semiauto, cal .45 -----	11	9	1	1	---
Rifle, semiauto, 7.62-mm, lt bbl -----	202	1	136	59	6
Individual weapons -----	213	10	137	60	6
Crew-served weapons -----	42	---	24	18	---
Total weapons -----	255	10	161	78	6
<i>Wheeled Vehicles</i>					
Rkt hdlg unit, 318-mm rkt, trk-mtd, XM3 -----	4	---	4	---	---
Tk and pump unit, liq-dispensing, trk-mtd -----	1	---	1	---	---
Trk, util, ¼-ton, 4x4 -----	25	---	12	13	---
Trk, amb, fld, ¾-ton, 4x4 -----	1	---	---	---	1
Trk, cgo, ¾-ton, 4x4 -----	20	---	14	5	1
Trk, cgo, ¾-ton, 4x4, WWN -----	8	---	4	4	---
Trk, cgo, 2½-ton, 6x6, LWB -----	11	---	11	---	---
Trk, cgo, 2½-ton, 6x6, LWB, WWN -----	2	---	2	---	---
Trk, lt wkr, 2½-ton, 6x6, WWN -----	1	---	1	---	---
Trk, shop van, 2½-ton, 6x6 -----	1	---	1	---	---
Total wheeled vehicles -----	74	---	50	22	2
<i>Trailers</i>					
Tlr, amph, cgo, ¼-ton, 2-wheel -----	10	---	5	5	---
Tlr, cgo, ¾-ton, 2-wheel -----	16	---	10	5	1
Tlr, cgo, 1½-ton, 2-wheel -----	10	---	10	---	---
Tlr, tk, water, 1½-ton, 2-wheel -----	2	---	2	---	---
Total trailers -----	38	---	27	10	1

Table IV. Field Artillery Missile Battalion, CORPORAL, Major Weapons, Vehicles, and Vehicular Equipment, TOE 6-545E

1	2	3	4	5	6	7
Item	Total bn ¹	Bn HQ	HQ btry	Firing btry	Med sec	Scty sec (aug)
<i>Weapons</i>						
Gun, mach, 7.62-mm, lt-weight, GP -----	13	---	7	4	---	2
Launcher, GM/CORPORAL II/ -----	3	---	---	3	---	---
Launcher, rkt, 3.5-in -----	13	---	9	4	---	---
Pistol, semiauto, cal .45 -----	9	7	1	1	---	---
Rifle, semiauto, 7.62-mm, lt bbl -----	271	3	123	120	6	19
Individual weapons -----	280	10	124	121	6	19
Crew-served weapons -----	29	---	16	11	---	2
Total weapons -----	309	10	140	132	6	21
<i>Tracked Vehicles</i>						
Trac, full-tracked, low-speed, diesel-driven, mdm DBP. -----	1	---	1	---	---	---
Total tracked vehicles -----	1	---	1	---	---	---

¹ Includes scty sec aug.

Table IV. Field Artillery Missile Battalion, CORPORAL, Major Weapons, Vehicles, and Vehicular Equipment, TOE 6-545E—Continued

	1	2	3	4	5	6	7
1	Item	Total bn ¹	Bn HQ	HQ btry	Firing btry	Med sec	Scty sec (aug)
	<i>Wheeled Vehicles</i>						
12	Air servicer, trk-mtd, 5-ton, 6x6/CORPORAL II/ ---	5	---	---	5	---	---
13	Compressor, reciprocating, power-driven, air, trk- mtd, gas-driven, 80 CFM, 5,000 psi.	2	---	---	2	---	---
14	Erector, GM, SP/CORPORAL II/ -----	2	---	---	2	---	---
15	Firing sta, GM, trk-mtd, AN/MSE-1/CORPORAL II/.	2	---	---	2	---	---
16	Msl test sta, trk-mtd, AN/MSM-4/CORPORAL II/	2	---	---	2	---	---
17	Servicing platform, trk-mtd, 5-ton, 6x6/CORPORAL II/.	2	---	---	2	---	---
18	Trk, util, ¼-ton, 4x4 -----	16	---	12	4	---	---
19	Trk, amb, fld, ¾-ton, 4x4 -----	1	---	---	---	1	---
20	Trk, cgo, ¾-ton, 4x4 -----	15	---	10	3	1	1
21	Trk, cgo, ¾-ton, 4x4, WWN -----	2	---	2	---	---	---
22	Trk, cgo, 2½-ton, 6x6, LWB -----	7	---	4	2	---	1
23	Trk, cgo, 2½-ton, 6x6, LWB, WWN -----	11	---	4	7	---	---
24	Trk, shop van, 2½-ton, 6x6 -----	3	---	---	3	---	---
25	Trk, tk, gas, 2½-ton, 6x6, with kit segregator -----	1	---	1	---	---	---
26	Trk, tk, water, 2½-ton, 6x6 -----	2	---	---	2	---	---
27	Trk, cgo, 5-ton, 6x6, LWB -----	4	---	4	---	---	---
28	Trk, cgo, 5-ton, 6x6, LWB, WWN -----	2	---	---	2	---	---
29	Trk, mdm wkr, 5-ton, 6x6, WWN -----	1	---	1	---	---	---
30	Trk, propellant, svc, 5-ton, 6x6/CORPORAL II/ -----	4	---	---	4	---	---
31	Trk, trac, 5-ton, 6x6, SWB, WWN -----	2	---	1	1	---	---
32	Trk, trac, wkr, 5-ton, 6x6, XLWB, WWN -----	6	---	4	2	---	---
33	Total wheeled vehicles -----	92	---	43	45	2	2
	<i>Trailers</i>						
34	Chassis, tlr, genr, 2½-ton, 2-wheel -----	4	---	---	4	---	---
35	Computer gp, GM, tlr-mtd, AN/MSA-6/CORPORAL II/.	1	---	---	1	---	---
36	Radar set gp, stlr-mtd, OA-652/CORPORAL II/ ---	1	---	---	1	---	---
37	Radio set, tlr-mtd, AN/MRQ-7/CORPORAL II/ ---	1	---	---	1	---	---
38	Stlr, wkr, 12-ton, 4-wheel -----	4	---	4	---	---	---
39	Stlr, low-bed, 15-ton, 4-wheel -----	1	---	1	---	---	---
40	Tlr, amph, cgo, ¼-ton, 2-wheel -----	14	---	10	4	---	---
41	Tlr, cgo, ¾-ton, 2-wheel -----	13	---	9	3	1	---
42	Tlr, cgo, 1½-ton, 2-wheel -----	16	---	8	8	---	---
43	Tlr, tk, water, 1½-ton, 2-wheel -----	1	---	1	---	---	---
44	Total trailers -----	56	---	33	22	1	---
	<i>Major Vehicular Equipment</i>						
45	Angledozer, earth-moving, cable-op, for trac, mdm --	1	---	1	---	---	---

¹ Includes scty sec aug.

Table V. Field Artillery Target Acquisition Battalion Major Weapons,
Vehicles, and Target Acquisition Equipment, TOE 6-575D

1	2	3	4
	Units	HQ & HQ btry ¹ TOE 6-576D	3 FA tgt acq btry (ea) TOE 6-577D
Item	Total bn ¹		
Weapons			
2 Gun, mach, 7.62-mm, lt-weight, GP -----	60	15	15
3 Launcher, rkt, 3.5-in -----	51	9	14
4 Pistol, auto, cal .45 -----	26	17	3
5 Rifle, semiauto, 7.62-mm, lt bbl -----	748	208	180
6 Individual weapons -----	774	225	183
7 Crew-served weapons -----	111	24	29
8 Total weapons -----	885	249	212
Aircraft			
9 Hel, obsn -----	3	3	---
10 Total aircraft -----	3	3	---
Wheeled Vehicles			
11 Tk and pump unit, liq-dispensing, trk-mtd -----	1	1	---
12 Trk, util, ¼-ton, 4x4 -----	68	20	16
13 Trk, amb, fld, ¾-ton, 4x4 -----	1	1	---
14 Trk, cgo, ¾-ton, 4x4 -----	67	19	16
15 Trk, cgo, ¾-ton, 4x4, WWN -----	13	1	4
16 Trk, cgo, 2½-ton, 6x6, LWB -----	32	14	6
17 Trk, cgo, 2½-ton, 6x6, LWB, WWN -----	13	7	2
18 Trk, shop van, 2½-ton, 6x6 -----	20	5	5
19 Trk, tk, fuel svc, 2½-ton, 6x6 -----	1	1	---
20 Trk, mdm wkr, 5-ton, 6x6, WWN -----	1	1	---
21 Total wheeled vehicles -----	217	70	49
Trailers			
22 Tlr, amph, cgo, ¼-ton, 2-wheel -----	29	8	7
23 Tlr, cgo, ¾-ton, 2-wheel -----	55	13	14
24 Tlr, cgo, 1½-ton, 2-wheel -----	32	17	5
25 Tlr, tk, water, 1½-ton, 2-wheel -----	6	3	1
26 Total trailers -----	122	41	27
Target Acquisition Equipment			
27 Altimeter, sv, 4,500 meters -----	27	9	6
28 Azimuth-elevation-range recorder, RD-54/TP -----	6	---	2
29 Chronometer, make-break circuit, 56-hr, mean solar time, 12-hr dial -----	1	1	---
30 Cmbt survl drone sys, AN/USD-1 -----	1	1	---
31 Computer, airspeed, ML-125 -----	3	---	1
32 Corrector, wind, sound-rg -----	3	---	1
33 Darkroom, photo, ptbl, ES-29 -----	1	1	---
34 Drone con, radio, C-2A -----	1	1	---
35 Flash-rg set, AN/GTC-1 -----	3	---	1
36 Instrument, spotting -----	12	---	4
37 Interpretation kit, photo -----	1	1	---
38 Metascope assy, image, infrared -----	27	---	9
39 Met sta, manual, AN/TMQ-4 -----	2	2	---
40 Radar set, AN/MPQ-10 -----	6	---	2
41 Radar set, AN/MPQ-29 -----	2	2	---
42 Radiosonde receptor, AN/TMQ-5 -----	2	2	---
43 Rawin set, AN/GMD-1 -----	2	2	---
44 Sound-rg set, GR-8 -----	6	---	2
45 Sv instrument, azimuth, gyro, arty -----	16	4	4
46 Sv set, arty fire con, 3d order -----	13	4	3
47 Sv set, arty fire con, 4th order -----	12	---	4

¹ Includes avn sec aug.

Table V. Field Artillery Target Acquisition Battalion Major Weapons, Vehicles, and Target Acquisition Equipment, TOE 6-575D—Continued

1	1	2	3	4
	Item	Total bn ¹	HQ & HQ btry ¹ TOE 6-576D	3 FA tgt acq btry (ea) TOE 6-577D
	<i>Target Acquisition Equipment—continued</i>			
48	Tgt set, radar, AN/UPM-38 -----	6	---	2
49	Tellurometer, master unit -----	8	2	2
50	Tellurometer, remote unit -----	16	4	4
51	Theodolite, dir, 1 deg, 9-in telescope -----	3	---	1
52	Theodolite, dir, 0.002 mil, 5.9-in lgth telescope, detachable tribrach .	23	8	5

¹ Includes avn sec aug.

Table VI. Field Artillery Missile Battalion, LACROSSE, Self-Propelled, Major Weapons and Vehicles, TOE 6-585T

1	1	2	3	4	5	6	7
	Item	Total bn ¹	Bn HQ	HQ btry	Firing btry	Med sec	Scty sec (aug)
	<i>Weapons</i>						
2	Gun, mach, 7.62-mm, lt-weight, Gp -----	16	---	7	8	---	1
3	Launcher, helical, rail, GM, trk-mtd/ LACROSSE/ -----	4	---	---	4	---	---
4	Launcher, rkt, 3.5-in -----	14	---	8	6	---	---
5	Pistol, semiauto, cal .45 -----	10	8	1	1	---	---
6	Rifle, semiauto, 7.62-mm, lt bbl -----	257	2	140	91	5	19
7	Individual weapons -----	267	10	141	92	5	19
8	Crew-served weapons -----	34	---	15	18	---	1
9	Total weapons -----	301	10	156	110	5	20
	<i>Wheeled Vehicles</i>						
10	Launcher, helical, rail, GM, trk-mtd/ LACROSSE/ -----	4	---	---	4	---	---
11	Trk, util, ¼-ton, 4x4 -----	23	---	13	10	---	---
12	Trk, amb, fld, ¾-ton, 4x4 -----	1	---	---	---	1	---
13	Trk, cgo, ¾-ton, 4x4 -----	25	---	12	12	---	1
14	Trk, cgo, ¾-ton, 4x4, WWN -----	5	---	5	---	---	---
15	Trk, cgo, 2½-ton, 6x6 -----	10	---	6	2	1	1
16	Trk, cgo, 2½-ton, 6x6, WWN -----	3	---	3	---	---	---
17	Trk, wkr, crane, 2½-ton, 6x6, WWN -----	2	---	---	2	---	---
18	Trk, cgo, 5-ton, 6x6, XLWB, WWN -----	10	---	10	---	---	---
19	Trk, mdm wkr, 5-ton, 6x6, WWN -----	1	---	1	---	---	---
20	Total wheeled vehicles -----	84	---	50	30	2	2
	<i>Trailers</i>						
21	Tlr, amph, cgo, ¼-ton, 2-wheel -----	18	---	8	10	---	---
22	Tlr, cgo, ¾-ton, 2-wheel -----	21	---	10	11	---	---
23	Tlr, cgo, 1½-ton, 2-wheel -----	8	---	8	---	---	---
24	Tlr, tk, water, 1½-ton, 2-wheel -----	1	---	1	---	---	---
25	Total trailers -----	48	---	27	21	---	---

¹ Includes scty sec aug.

Table VII. Field Artillery Missile Battalion, REDSTONE, Major Weapons, Vehicles, and Vehicular Equipment, TOE 6-635P

1	1	2	3	4	5	6
	Units Item	Total bn	HQ & HQ btry TOE 6-636P	Engr co., REDSTONE TOE 6-214D	2 FA msl btry, REDSTONE (ea) TOE 6-637P	Ord co., REDSTONE TOE 6-217P
	<i>Weapons</i>					
2	Gun, mach, 7.62-mm, lt-weight, GP, on mount -----	41	10	7	8	8
3	Launcher, GM, XM30 -----	2	---	---	1	---
4	Launcher, rkt, 3.5-in -----	23	8	4	4	3
5	Pistol, semiauto, cal .45 -----	27	17	4	2	2
6	Rifle, semiauto, 7.62-mm, lt bbl -----	608	135	172	75	151
7	Individual weapons -----	635	152	176	77	153
8	Crew-served weapons -----	66	18	11	13	11
9	Total weapons -----	701	170	187	90	164
	<i>Wheeled Vehicles</i>					
10	Msl, tng, REDSTONE, with trk, van, simulation ---	1	---	---	---	1
11	Shop equip, contact maint, trk-mtd -----	3	---	3	---	---
12	Trk, amb, frontline, ¼-ton, 4x4 -----	1	1	---	---	---
13	Trk, util, ¼-ton, 4x4 -----	36	15	1	5	10
14	Trk, amb, fld, ¾-ton, 4x4 -----	1	1	---	---	---
15	Trk, cgo, ¾-ton, 4x4, W/WOWN -----	37	15	6	3	10
16	Trk, H ₂ O ₂ , svc, ¾-ton, 4x4, XM387 -----	2	---	---	1	---
17	Trk, cgo, 2½-ton, 6x6, LWB, W/WOWN -----	62	12	7	11	21
18	Trk, cgo, 2½-ton, WWN, with kit, power accessories, REDSTONE -----	3	---	---	1	1
19	Trk, cgo, 2½-ton, WWN, with kit, preservation ---	1	---	---	---	1
20	Trk, cgo, 2½-ton, WWN, with kit, rep parts, stor bin -----	1	---	---	---	1
21	Trk, cgo, 2½-ton, WWN, with kit, rep parts, stor bulk -----	1	---	---	---	1
22	Trk, tk, gas, 2½-ton, 6x6 -----	4	---	2	1	---
23	Trk, tk, water, 2½-ton, 6x6 -----	2	---	---	---	2
24	Trk, trac, 2½-ton, 6x6, SWB -----	12	---	---	2	8
25	Trk, shop van, 2½-ton, 6x6, fire con and test, REDSTONE -----	3	---	---	1	1
26	Trk, shop van, 2½-ton, 6x6, pneumatic, checkout and rep -----	1	---	---	---	1
27	Trk, shop van, 2½-ton, 6x6, W/WOWN -----	8	1	---	---	7
28	Trk, mdm wkr, 5-ton, 6x6, WWN -----	6	1	1	1	2
29	Trk, trac, 5-ton, 6x6, SWB, WWN -----	44	---	44	---	---
30	Total wheeled vehicles -----	229	46	64	26	67
	<i>Trailers</i>					
31	Chassis, tlr, genr, 2½-ton, 2-wheel -----	12	---	---	3	6
32	Generating and charging plant, oxy-nitrogen, stlr-mtd -----	10	---	10	---	---
33	Lub and svc unit, power-op, tlr-mtd, 12 CFM, air compressor -----	1	---	1	---	---
34	Stlr, van, elct, 3-ton, 2-wheel -----	1	---	---	---	1
35	Stlr, rep parts, shop van, 6-ton -----	3	---	3	---	---
36	Stlr, alcohol, 9-ton, 3,000-gal, 2-wheel, REDSTONE -	5	---	---	1	3
37	Stlr, stake, 12-ton, 4-wheel -----	1	---	---	---	1
38	Stlr, tk, gas, 5,000-gal, 4-wheel -----	4	---	4	---	---
39	Stlr, van, aft unit -----	1	---	---	---	1
40	Stlr, van, M348A1, clas comp, with equip -----	2	---	---	1	---

Table VII. Field Artillery Missile Battalion, REDSTONE, Major Weapons, Vehicles, and Vehicular Equipment, TOE 6-635P—Continued

1	1	2	3	4	5	6
	Units					
	Item	Total bn	HQ & HQ btry TOE 6-636P	Engr co. REDSTONE TOE 8-214D	2 FA msl btry, REDSTONE (ea) TOE 6-637P	Ord co., REDSTONE TOE 9-217P
	<i>Trailers—Continued</i>					
41	Stlr, van, con comp, test and checkout -----	1	---	---	---	1
42	Stlr, van, planetary -----	1	---	---	---	1
43	Stlr, van, thrust unit -----	1	---	---	---	1
44	Stlr, van, whd unit -----	1	---	---	---	1
45	Shop equip, elec-rep, stlr-mtd -----	1	---	1	---	---
46	Shop equip, GP, hv, stlr-mtd, set No. 1 -----	1	---	1	---	---
47	Tk, stor, liq-oxy, stlr-mtd, liq and vac pump, 9-ton -----	13	---	13	---	---
48	Tlr, amph, cgo, ¼-ton, 2-wheel -----	29	14	1	3	8
49	Tlr, cgo, ¾-ton, 2-wheel -----	32	12	5	3	9
50	Tlr, cgo, ¾-ton, with kit, power distr, REDSTONE -----	3	---	---	1	1
51	Tlr, cgo, 1½-ton, 2-wheel -----	49	11	5	4	25
52	Tlr, cgo, 1½-ton, with kit, rep parts, stor bin, REDSTONE -----	1	---	---	---	1
53	Tlr, tk, water, 1½-ton, 2-wheel -----	5	1	1	1	1
54	Total trailers -----	178	38	45	17	61
	<i>Major Vehicular Equipment</i>					
55	Bulldozer, earth-moving, for trac, wheeled, 20,025-27,000-lb DBP -----	2	---	2	---	---
56	Compressor, reciprocating, power-driven, trac-mtd, with gas power unit, 80 CFM, air-cooled, winterized -----	3	---	---	1	1
57	Computer, REDSTONE firing table, trac-mtd -----	1	1	---	---	---
58	Crane-shovel, basic unit, trk-mtd, 20-ton, ¾-cu yd -----	1	---	1	---	---
59	Crane-shovel, trac-mtd, pneumatic-tired, 6x6, 2-eng drive, 25-ton -----	1	---	---	---	1
60	Power con unit, trac-mtd, for trac, mdm -----	3	---	2	---	1
61	Trac, wheeled, ind, diesel-driven, 20,025-27,000-lb DBP -----	2	---	2	---	---

Table VIII. US Army Field Artillery Missile Warhead Support Detachment
Major Weapons and Vehicles, TOE 6-500T

1	1	2	3	4	5	6	7	8
	Teams							
	Item	Total det	Team AA	Team EA	Team EB	Team FA	Team GA	Team HA
	<i>Weapons</i>							
2	Gun, mach, 7.62-mm, lt-weight, GP -----	4	---	1	1	2	---	---
3	Pistol, semiauto, cal .45 -----	10	3	1	1	4	---	1
4	Rifle, semiauto, 7.62-mm, lt bbl -----	43	5	6	6	16	7	3
5	Individual weapons -----	53	8	7	7	20	7	4
6	Crew-served weapons -----	4	---	1	1	2	---	---
7	Total weapons -----	57	8	8	8	22	7	4

Table VIII. US Army Field Artillery Missile Warhead Support Detachment
Major Weapons and Vehicles, TOE 6-500T—Continued

1	1	2	3	4	5	6	7	8
	Item	Total det	Team AA	Team EA	Team EB	Team FA	Team GA	Team HA
	<i>Wheeled Vehicles</i>							
8	Trk, util, ¼-ton, 4x4 -----	3	--	--	--	1	2	--
9	Trk, amb, fld, ¾-ton, 4x4 -----	1	--	--	--	--	--	1
10	Trk, cgo, ¾-ton, 4x4 -----	7	2	1	1	1	2	--
11	Trk, shop van, 2½-ton, 6x6 -----	2	--	1	1	--	--	--
12	Trk, cgo, 5-ton, 6x6, LWB, WWN -----	2	--	1	1	--	--	--
13	Trk, mdm wkr, 5-ton, 6x6, WWN -----	1	1	--	--	--	--	--
14	Total wheeled vehicles -----	16	3	3	3	2	4	1
	<i>Trailers</i>							
15	Tlr, amph, cgo, ¼-ton, 2-wheel -----	3	--	--	--	1	2	--
16	Tlr, crgo, ¾-ton, 2-wheel -----	7	2	1	1	1	2	--
17	Tlr, cgo, 1½-ton, 2-wheel -----	2	--	1	1	--	--	--
18	Total trailers -----	12	2	2	2	2	4	--

Section III. INFANTRY

7-11D Inf BG, Sep

Mission. To close with the enemy by means of fire and maneuver in order to capture or destroy him or to repel his assault by fire, close combat, and counterattack.

Assignment. Normally assigned to field army. It functions as a separate battle group or may be attached to corps or a division.

Capabilities. a. Closes with the enemy by means of fire and maneuver in order to capture or destroy him.

b. Repels enemy assault by fire, close combat, and counterattack.

c. Provides base of fire and maneuver elements.

d. Seizes and holds terrain.

e. Maneuvers in all types of terrain and climatic conditions.

f. Furnishes antitank protection.

g. Operates as motorized or air-transported infantry when provided with sufficient and appropriate transportation.

h. Provides indirect fire support for organic and attached units.

i. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen

when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 67 WO 3 EM 1,297 Agg 1,367. (See remarks below.)

Basis of allocation. As required by higher headquarters.

Mobility. a. See components below for ground mobility.

b. One hundred percent air-transportable in medium transport aircraft (less two tanks, combat, full-tracked, light gun).

Components. Composed of the following units:

One headquarters and headquarters company, TOE 7-12D (75 percent mobile).

Five rifle companies, TOE 7-17D (15 percent mobile).

One combat support company, TOE 7-19D (90 percent mobile). (See remarks below.)

Remarks. a. When specifically directed, DAVY CROCKETT team (augmentation) (EM 3), TOE 7-97T, is organic to combat support company, TOE 7-19D.

b. For data concerning vehicles and armament, see tables IX and X.

7-17D Rifle Co, Inf BG or US Army MSLCOMD (Air-Trans)

Mission. a. Rifle company, infantry battle group. To close with the enemy by means of fire and maneuver in order to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

b. Rifle company, US Army missile command (air-transportable). To provide local security for the US Army missile command (air-transportable).

Assignment. a. Rifle company, infantry battle group. Organic to infantry battle group, TOE 7-11D.

b. Rifle company, US Army missile command (air-transportable). Organic to US Army missile command (air-transportable), TOE 39-51D.

Capabilities. a. Closes with the enemy by means of fire and maneuver in order to destroy or capture him.

b. Repels enemy assault by fire, close combat, and counterattack.

c. Provides a base of fire and maneuver.

d. Seizes and holds terrain.

e. Maneuvers in all types of terrain and climatic conditions.

f. Provides local security when organic to the US Army missile command (air-transportable), TOE 39-51D.

g. This unit is dependent on headquarters and headquarters company, infantry battle group, TOE 7-12D, for the provision of a mess truck, and water trailer when organic to infantry battle group, TOE 7-11D.

Strength. a. When organized as rifle company, infantry battle group:

Off 6 EM 178 Agg 184.

b. When organized as rifle company, US Army missile command (air-transportable):

Off 6 EM 181 Agg 187.

Basis of allocation. a. Rifle company, infantry battle group. Five per infantry battle group, TOE 7-11D.

b. Rifle company, US Army missile command (air-transportable). One per US Army missile command (air-transportable), TOE 39-51D, or as authorized.

Mobility. a. Fifteen percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. For data concerning vehicles and armament, see table IX and FM 101-10, part I, chapter 1.

7-25D Armd Inf Bn, Sep

Mission. To close with the enemy and destroy or capture him by fire, maneuver, and shock action.

Assignment. Normally assigned to field army. May be further attached to corps or division.

Capabilities. a. Conducts offensive and defensive operations in conjunction with or without tank units.

b. Possesses high cross-country mobility with light armor protection and multiple communications.

c. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 44 WO 3 EM 980 Agg 1,027. (See remarks below.)

Basis of allocation. As required by higher headquarters.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft, except for tank recovery vehicle, medium.

Components. Composed of the following units:

One headquarters and headquarters company, TOE 7-26D. (See remarks below.)

Four rifle companies, TOE 7-27D.

Remarks. a. When specifically directed, DAVY CROCKETT team (augmentation) (EM 3), TOE 7-97T, is organic to headquarters and headquarters company, TOE 7-26D.

b. For data concerning vehicles and armament, see tables IX and X.

7-25T (Tentative) Armed Inf Bn

Mission. To provide security for the unit(s) to which attached and to engage in offensive, defensive, or delaying action as an economy force unit.

Assignment. Organic to US Army missile command (medium), TOE 39-61T.

Capabilities. a. Provides armored infantry security for the US Army missile command (medium).

b. Conducts offensive and defensive security operations.

c. Possesses high cross-country mobility with light armor protection and multiple communications.

Strength. Off 43 WO 4 EM 975 Agg 1,022.

Basis of allocation. One per US Army missile command (medium), TOE 39-61T.

Mobility. One hundred percent mobile.

Components. Composed of the following units:

One headquarters, headquarters and service company, TOE 7-26T.

Four armored infantry rifle companies, TOE 7-27T.

Remarks. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

7-52D HQ & HQ Co, Inf Bde, Sep

Mission. To provide command, control, and supervision of the infantry brigade, separate.

Assignment. To field army.

Capabilities. a. Provides command, staff planning, control, supervision, and aviation support for two or more battle groups and attached units.

b. Provides administration, mess, organizational maintenance, supply, motor transport, aviation support, and local security for brigade headquarters.

c. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defend-

ing itself and its installations against hostile ground attack.

Strength. Off 41 WO 2 EM 230 Agg 273.

Basis of allocation. One per infantry brigade, separate.

Mobility. a. One hundred percent mobile.

b. Unit, less organic aircraft, is one hundred percent air-transportable in medium transport aircraft.

Remarks. For data concerning vehicles and armament, see table IX.

7-97T (Tentative) DAVY CROCKETT Team (Augmentation)

Mission. To provide, by augmentation, a standby DAVY CROCKETT weapons system in unit to which assigned.

Assignment. When specifically directed, assigned to headquarters and headquarters company, armored infantry battalion, separate; headquarters and headquarters company, armor battalion, 90-mm; headquarters and headquarters troop, armored cavalry squadron, armored cavalry regiment; combat support company, infantry battle group, separate.

Capabilities. a. Provides one launcher, XM29, and two launchers, XM28, DAVY CROCKETT delivery systems.

b. Provides a cadre, which, when augmented by other personnel of the unit to which assigned, can be organized into three DAVY CROCKETT fire teams. This cadre alone can provide an immediate capability to operate one DAVY CROCKETT fire team.

c. This unit is dependent on the unit to which assigned for administrative, mess, supply, and maintenance support.

d. Individuals of this unit can fight as infantrymen when required.

Strength. EM 3.

Basis of allocation. When specifically directed:

a. One per headquarters and headquarters company, armored infantry battalion, separate, TOE 7-26D.

b. One per headquarters and headquarters company, armor battalion, 90-mm, TOE 17-26D.

c. One per headquarters and headquarters troop, armored cavalry squadron, armored cavalry regiment, TOE 17-56D.

d. One per combat support company, infantry battle group, separate, TOE 7-19D.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles and armament, see table X.

7-167D Inf Sct Dog Plat

Mission. To support forward area infantry and vulnerable static installations.

Assignment. To field army or separate corps.

Capabilities. a. Supports all types of forward area infantry ground operations.

b. Provides security for vulnerable static installations.

c. This unit will be attached to other units for administration, mess, supply, and/or motor maintenance.

Strength. Off 1 EM 20 Agg 21.

Basis of allocation. One per infantry division.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. For data concerning vehicles and armament, see table IX.

7-168D Inf Pfdr Det, Abn

Mission. To establish aircraft terminal guidance in areas designated by supported unit commanders.

Assignment. To field army.

Capabilities. a. Conducts reconnaissance for and recommends landing or delivery facilities for Army aircraft.

b. Reconnoiters landing areas and accomplishes radiological monitoring and reports conditions which would influence military operations.

c. Marks air delivery and landing facilities with visual and electronic navigational aids to assure accurate delivery of air-delivered or air-landed personnel and materiel.

d. Assists in navigation and control of Army aircraft within its area of operations.

e. Maintains communication with Army aircraft in flight and with the headquarters of its parent unit.

f. Reaches the area of operations by foot, surface vehicle, or air vehicle (either air-landed delivery or air delivery).

g. Provides a ground net radio communication system within the landing area.

h. Establishes and operates the following types and numbers of pioneer landing facilities:

- (1) One airplane landing zone; or
- (2) One helicopter landing zone containing eight helicopter landing sites; or
- (3) Two drop zones.

i. Separates into two independent teams and provides the above assistance on a reduced basis to two supported units operating over a wide area.

j. This unit will be attached to other units for administration, mess, supply, maintenance, and medical aid.

k. This unit has the capability of assisting in the defense of itself and its installations against hostile ground attack.

Strength. Off 2 EM 13 Agg 15.

Basis of allocation. One per transportation transport aircraft battalion.

Mobility. One hundred percent mobile by organic vehicles or by Army aircraft.

Remarks. For data concerning vehicles and armament, see table IX.

Table IX. Infantry (Nondivisional) Major Weapons and Vehicles

	1	2	3	4	5	6	7	8	9	10	11
1	Item	Units HQ & HQ co, inf bde, sep TOE 7-52D	Inf BG, sep TOE 7-11D				Inf sct dog plat TOE 7-167D	Inf pfdr det, abn TOE 7-168D	Armd inf bn, sep TOE 7-25D		
			Total BG	HQ & HQ co TOE 7-12D	5 rifle co (ea) TOE 7-17D	Cmbt spt co TOE 7-19D			Total bn	HQ & HQ co TOE 7-26D	4 rifle co (ea) TOE 7-27D
	<i>Weapons</i>										
2	Gun, mach, cal .50 Bng, hv bbl, flex -----	---	---	---	---	---	---	---	(22)	14	2
3	Gun, mach, 7.62-mm, lt-weight, GP -----	10	(41)	6	6	5	---	---	(88)	16	18
4	Gun, tk, 76-mm -----	---	(2)	---	---	2	---	---	---	---	---
5	Gun, submach, cal .45 -----	---	(4)	---	---	4	---	---	(12)	4	2
6	Launcher, rkt, 3.5-in -----	10	(54)	8	7	11	---	---	(73)	21	13
7	Mortar, 81-mm, on mount -----	---	(16)	---	3	1	---	---	(12)	---	3
8	Mortar, 4.2-in, on mount -----	---	(6)	---	---	6	---	---	---	---	---
9	Mortar, 4.2-in, SP, full-tracked -----	---	---	---	---	---	---	---	(4)	4	---
10	Pistol, semiauto, cal .45 -----	39	(188)	10	29	33	---	---	(110)	18	23
11	Rifle, 106-mm, on mount -----	---	(10)	---	2	---	---	---	---	---	---
12	Rifle, selective, auto-semiauto, 7.62-mm, hv bbl ---	3	---	---	---	---	---	---	---	---	---
13	Rifle, selective, auto-semiauto, 7.62-mm, lt bbl ---	231	(1,177)	236	155	166	21	15	(916)	256	165
14	Individual weapons -----	273	(1,369)	246	184	203	21	15	(1,038)	278	190
15	Crew-served weapons -----	20	(129)	14	18	25	---	---	(199)	55	36
16	Total weapons -----	293	(1,498)	260	202	228	21	15	(1,237)	333	226
	<i>Aircraft</i>										
17	Airplane, obsn, lt -----	4	---	---	---	---	---	---	---	---	---
18	Airplane, util -----	1	---	---	---	---	---	---	---	---	---
19	Hel, obsn -----	8	---	---	---	---	---	---	---	---	---
20	Hel, util -----	3	---	---	---	---	---	---	---	---	---
21	Total aircraft -----	16	---	---	---	---	---	---	---	---	---
	<i>Tracked Vehicles</i>										
22	Carrier, mortar, 4.2-in, SP, full-tracked -----	---	---	---	---	---	---	---	(4)	4	---
23	Carrier, pers, full-tracked -----	3	(2)	---	---	2	---	---	(77)	9	17
24	Tk, cmbt, full-tracked, lt gun -----	---	(2)	---	---	2	---	---	---	---	---
25	Tk recovery vehicle, mdm -----	---	---	---	---	---	---	---	(6)	2	1
26	Total tracked vehicles -----	3	(4)	---	---	4	---	---	(87)	15	18
	<i>Wheeled Vehicles</i>										
27	Trk, amb, frontline, ¼-ton, 4x4 -----	---	(14)	14	---	---	---	---	---	---	---
28	Trk, util, ¼-ton, 4x4 -----	19	(58)	23	3	20	1	1	(49)	33	4
29	Trk, util, ¼-ton, 4x4, carrier for 106-mm rifle ---	---	(10)	---	2	---	---	---	---	---	---
30	Trk, cgo, ¼-ton, 4x4 -----	15	(51)	11	4	20	---	---	(4)	4	---

Table IX. Infantry (Nondivisional) Major Weapons and Vehicles—Continued

1	1	2	3	4	5	6	7	8	9	10	11
	Units Item	HQ & HQ co, inf bde, sep TOE 7-52D	Inf BG, sep TOE 7-11D				Inf sct dog plat TOE 7-167D	Inf pfdr det. abn TOE 7-168D	Armed inf bn, sep TOE 7-25D		
			Total BG	HQ & HQ co TOE 7-12D	5 rifle co (ea) TOE 7-17D	Cmbt spt co TOE 7-19D			Total bn	HQ & HQ co TOE 7-26D	4 rifle co (ea) TOE 7-27D
31	Trk, cgo, ¾-ton, 4x4, WWN -----	8	---	---	---	---	---	1	(1)	1	---
32	Trk, ¾-ton, 6x6, XM408 -----	---	---	---	---	---	---	---	(4)	4	---
33	Trk, cgo, 2½-ton, 6x6, LWB -----	14	(6)	4	---	2	---	---	(8)	4	1
34	Trk, cgo, 2½-ton, 6x6, LWB, WWN -----	6	(9)	9	---	---	3	---	(9)	5	1
35	Trk, lt wkr, 2½-ton, 6x6, WWN -----	---	(1)	---	---	1	---	---	---	---	---
36	Trk, shop van, 2½-ton, 6x6 -----	1	(1)	1	---	---	---	---	---	---	---
37	Trk, tk, gas, 2½-ton, 6x6 -----	2	---	---	---	---	---	---	---	---	---
38	Trk, cgo, 5-ton, 6x6, LWB -----	---	(5)	5	---	---	---	---	(4)	4	---
39	Trk, cgo, 5-ton, 6x6, LWB, WWN -----	---	(2)	2	---	---	---	---	(9)	9	---
40	Trk, dump, 5-ton, 6x6, WWN -----	---	(4)	4	---	---	---	---	(4)	4	---
41	Trk, mdm wkr, 5-ton, 6x6, WWN -----	---	(1)	1	---	---	---	---	---	---	---
42	Total wheeled vehicles -----	65	(162)	74	9	43	4	2	(94)	70	6
	<i>Trailers</i>										
43	Tlr, amph, cgo, ¼-ton, 2-wheel -----	16	(51)	22	3	14	1	1	(22)	10	3
44	Tlr, cgo, ¾-ton, 2-wheel -----	18	(51)	11	4	20	---	1	(1)	1	---
45	Tlr, cgo, 1½-ton, 2-wheel -----	9	(14)	12	---	2	---	---	(25)	17	2
46	Tlr, tk, water, 1½-ton, 2-wheel -----	1	(7)	7	---	---	---	---	(6)	2	1
47	Tlr, ammo, 2-ton, 2-wheel -----	---	(2)	2	---	---	---	---	---	---	---
48	Tlr, util, 2½-ton, 2-wheel -----	---	(3)	3	---	---	---	---	---	---	---
49	Total trailers -----	44	(128)	57	7	36	1	2	(54)	30	6

Table X. DAVY CROCKETT Team (Augmentation) Major Weapons and Vehicles, TOE 7-97T

1	1	2
	Item	Total team
	<i>Weapons</i>	
2	Launcher, DAVY CROCKETT dlvr sys, XM28 -----	2
3	Launcher, DAVY CROCKETT dlvr sys, XM29 -----	1
4	Pistol, auto, cal .45 -----	3
5	Individual weapons -----	3
6	Crew-served weapons -----	3
7	Total weapons -----	6
	<i>Tracked Vehicles</i>	
8	Carrier, pers, full-tracked -----	1
9	Total tracked vehicles -----	1
	<i>Wheeled Vehicles</i>	
10	Trk, util, ¼-ton, 4x4 -----	2
11	Total wheeled vehicles -----	2
	<i>Trailers</i>	
12	Tlr, amph, cgo, ¼-ton, 2-wheel -----	2
13	Total trailers -----	2

Section IV. ARMOR

17-17D Sep Tk Co, 76-mm or 90-mm

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock action in coordination with other arms.

Assignment. As required.

Capabilities. a. Attacks or counterattacks under hostile fire.

b. Destroys enemy armor by fire.

c. Supports infantry or other tank units by fire, maneuver, and shock action.

d. Exploits after breakthrough with high cross-country mobility.

e. Rapidly exploits the effects of mass destruction weapons.

f. Provides for separate company supply, administration, and organizational maintenance.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 1 EM 116 Agg 122.

Basis of allocation. As required.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles and armament, see table XI.

17-25D Armor Bn, 90-mm

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock action in coordination with other arms.

Assignment. To corps or field army as required.

Capabilities. a. Attacks or counterattacks under hostile fire.

b. Destroys enemy armor by fire.

c. Supports infantry units by fire, maneuver, and shock action.

d. Exploits after breakthrough with high cross-country mobility.

e. Rapidly exploits the effects of mass destruction weapons.

f. When augmented (Off 1 EM 2), provides air observation and liaison.

g. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 42 WO 2 EM 672 Agg 716. (See remarks below.)

Basis of allocation. Normally three per corps.

Mobility. One hundred percent mobile.

Components. Composed of the following units:

One headquarters and headquarters company, TOE 17-26D. (See remarks below.)

Four medium tank companies, TOE 17-27D.

Remarks. a. When specifically directed, DAVY CROCKETT team (augmentation) (EM 3), TOE 7-97T, is organic to headquarters and headquarters company, TOE 17-26D.

b. For data concerning vehicles and armament, see tables X and XI.

17-32D HQ & HQ Co, Armor Gp

Mission. To provide command, control, and supervision of one or more separate tank battalions assigned to a corps or field army.

Assignment. To a field army or corps.

Capabilities. a. Provides command, control, and supervision of one or more separate tank battalions.

b. Provides command, control, and supervision in combat of an armored task force comparable to a combat command for short periods.

c. Provides command, control, and supervision of specialized armored equipment and/or units, such as flamethrowing tanks, mine-exploding tanks, and tanks equipped with flotation devices, which may be assigned to the group.

d. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

e. Operates armor section of corps headquarters when required.

Strength. Off 11 EM 53 Agg 64.

Basis of allocation. One per corps.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. For data concerning vehicles and armament, see table XI.

17-51D Armd Cav Regt

Mission. As a light armored force, to perform security, reconnaissance, and light combat missions.

Assignment. To field army or corps.

Capabilities. a. Operates as a light armored task force in security and light combat missions without reinforcement.

b. Operates as a highly mobile armored task force when suitably reinforced.

c. Executes screening and counterreconnaissance missions.

d. Reconnoiters for higher echelon normally by independent action without reinforcement.

e. The unit is dependent on Army field units to provide evacuation from organic, subordinate, or attached aid stations.

f. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 192 WO 13 EM 2,594 Agg 2,799.

Basis of allocation. One per corps; one per field army.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft when light tanks are substituted for medium tanks. Tank recovery vehicle, medium, not air-transportable.

Components. Composed of the following units:

One headquarters and headquarters troop, TOE 17-52D.

Three armored cavalry squadrons, TOE 17-55D.

One aviation company, TOE 1-67D.

Remarks. For data concerning vehicles and armament, see table XI.

17-52D HQ & HQ Trp, Armd Cav Regt

Mission. To furnish command, control, and supervision for the armored cavalry regiment.

Assignment. Organic to armored cavalry regiment, TOE 17-51D.

Capabilities. a. Commands, controls, performs staff planning, furnishes communications, and supervises operations.

b. Furnishes administrative support for the organic aviation company.

c. Provides unit-level medical service, to include medical care and evacuation, to the aviation company and attached units.

d. When augmented, this unit provides facilities for casualty reporting (EM 3) and for award and decoration (EM 2) functions during the combat phase of a military operation.

e. Individuals of this unit, except chaplains and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 17 WO 3 EM 94 Agg 114.

Basis of allocation. One per armored cavalry regiment, TOE 17-51D.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft when light tanks are substituted for medium tanks.

Remarks. For data concerning vehicles and armament, see table XI.

17-55D Armd Cav Sqdn, Armd Cav Regt

Mission. As a light armored force, to perform security, reconnaissance, and light combat missions.

Assignment. Organic to armored cavalry regiment, TOE 17-51D.

Capabilities. a. When operating independently or under regimental control, the unit has the following capabilities:

- (1) Provides security and performs reconnaissance for a higher echelon.
- (2) Executes combat missions suitable for light armored units.
- (3) Operates as an armored task force when suitably reinforced.

b. The unit is dependent on Army field units to provide evacuation from the squadron aid station.

c. Individuals of this unit, except medical personnel, can fight as infantrymen when re-

quired. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 44 WO 3 EM 792 Agg 839. (See remarks below.)

Basis of allocation. Three per armored cavalry regiment, TOE 17-51D.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft when light tanks are substituted for medium tanks. Tank recovery vehicle, medium, not air-transportable.

Components. Composed of the following units:

One headquarters and headquarters troop, TOE 17-56D. (See remarks below.)

Three armored cavalry troops, TOE 17-57D.

One tank troop, TOE 17-27D.

One field artillery howitzer battery, 105-mm, self-propelled, TOE 6-37D.

Remarks. a. When specifically directed, DAVY CROCKETT team (augmentation) (EM 3), TOE 7-97T, is organic to headquarters and headquarters troop, TOE 17-56D.

b. For data concerning vehicles and armament, see tables X and XI.

17-115D Armd Amph Bn

Mission. a. In amphibious operations and other waterborne assaults, including inland waters:

- (1) To provide continuous close fire support to the assault troops during the waterborne phase by delivering direct fire on landing beaches and approaches to the beaches.
- (2) After landing, to provide light armored mobility, firepower, and shock action as an element of the combined arms team in the rapid seizure of critical terrain.

b. To provide indirect fire support when required.

Assignment. Normally assigned to the field army, as required, and further attached to corps, division, or engineer amphibious support command for specific missions.

Capabilities. a. Constitutes the leading wave(s) of and/or furnishes flank protection for the assault troops during the waterborne phase of the assault.

b. Provides direct or indirect fire support for assault troops ashore.

c. Provides light armor-protected firepower, mobility, and shock action in amphibious operations and/or other waterborne assaults.

d. Supports amphibious reconnaissance or waterborne envelopment forces.

e. Participates in rear area security against counterlandings, infiltration from seaward, and airborne and armored counterattacks.

f. Functions as a unit or units of light artillery when augmented by fire control personnel and equipment which are normally furnished by the reinforced artillery unit.

g. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 35 WO 2 EM 619 Agg 656.

Basis of allocation. As required.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles and armament, see table XI.

17-116D HQ & HQ Co, Armd Amph Bn

Mission. To furnish command, administration, and logistical support for the armored amphibious battalion.

Assignment. Organic to armored amphibious battalion, TOE 17-115D.

Capabilities. a. Provides command, control, staff planning, communications, and supervision of operations.

b. Furnishes supply, transportation, organizational maintenance, and administration for organic units.

c. Provides unit-level medical service, to include medical care, evacuation, and supervision of sanitation, to the armored amphibious battalion. The medical section establishes an aid station and provides aidmen to organic units.

d. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 20 WO 2 EM 190 Agg 212.

Basis of allocation. One per armored amphibious battalion, TOE 17-115D.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles and armament, see table XI.

17-117D Armd Amph Co

Mission. To give continuous close fire support to the assault landing forces and provide initial artillery required in amphibious operations.

Assignment. Organic to armored amphibious battalion, TOE 17-115D.

Capabilities. a. Provides light armor-protected firepower in supporting amphibious operations or river crossings.

b. Constitutes the leading wave of or furnishes flank protection for the assault landing forces.

c. Functions as a member of a combined arms team by employing direct or indirect fire, maneuver, and light shock action.

d. Functions as a unit or units of light artillery when augmented by fire control personnel and equipment which are normally furnished by artillery units of the supporting forces.

e. Crosses reefs and minor beach obstacles and proceeds inland. Has fair mobility in smooth water, lesser mobility in rough water, and limited mobility overland.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 EM 143 Agg 148.

Basis of allocation. Three per armored amphibious battalion, TOE 17-115D.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles and armament, see table XI.

Section V. US ARMY MISSILE COMMANDS AND SPECIAL WEAPONS

39-51D US Army MSLCOMD (Air-Trans)

Mission. To provide nuclear fire support to US or Allied ground forces in any area of the world with minimum warning.

Assignment. To theater of operations.

Capabilities. *a.* Supports, by nuclear fire, counteraggression forces or reinforces indigenous forces in localized hostilities.

b. Unit is air-transportable.

c. Acquires and develops target data.

d. Supports itself logistically after resupply has been delivered to the missile command.

e. Is responsible for organizational maintenance. Requires attachment of, or support by, engineer, ordnance, and transportation (aircraft) units for third-echelon maintenance.

f. Provides limited evacuation and medical care.

g. Provides radiation detection and decontamination.

h. Is organized as a tactical and administrative unit and is self-sustaining when operating in the vicinity of US forces. When it operates in support of Allied forces isolated from US facilities, the attachment of technical and administrative support cellular detachments may be required. This also includes a requirement for the establishment of a special logistical linkage between port and/or airhead facilities and the missile command.

i. The unit must be provided air defense protection by supported forces or by attached air defense units.

j. Survey control must be provided the HONEST JOHN battalion and target acquisition platoon elements by the supporting engineer company or by attachment of an engineer survey team of the TOE 5-500 type.

k. The unit is dependent on outside agencies for assistance in evacuation and medical care.

Strength. Off 74 WO 15 EM 968 Agg 1,057.

Basis of allocation. As required.

Mobility. See components.

Components. Composed of the following units:

One headquarters and headquarters company, TOE 39-52D.

One field artillery missile battalion, HONEST JOHN rocket, self-propelled, TOE 6-525D.

One signal company, TOE 11-237D.

One rifle company, TOE 7-17D.

One engineer combat company, TOE 5-38D.

One support company, TOE 29-307D.

Remarks. For organization chart and data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

39-52D HQ & HQ Co, US Army MSLCOMD (Air-Trans)

Mission. To provide command, administration, control, and supervision of operations of the US Army missile command (air-transportable).

Assignment. Organic to US Army missile command (air-transportable), TOE 39-51D.

Capabilities. *a.* Commands, controls, plans for, and supervises operations.

b. Conducts aerial and ground surveillance.

c. Acquires and develops target data.

d. Performs organizational maintenance on assigned aircraft.

e. Performs personnel administration.

f. Furnishes aviation support for the missile command headquarters.

g. When augmented by the interpreter/translator team (Off 1 EM 3), provides support for its military intelligence section.

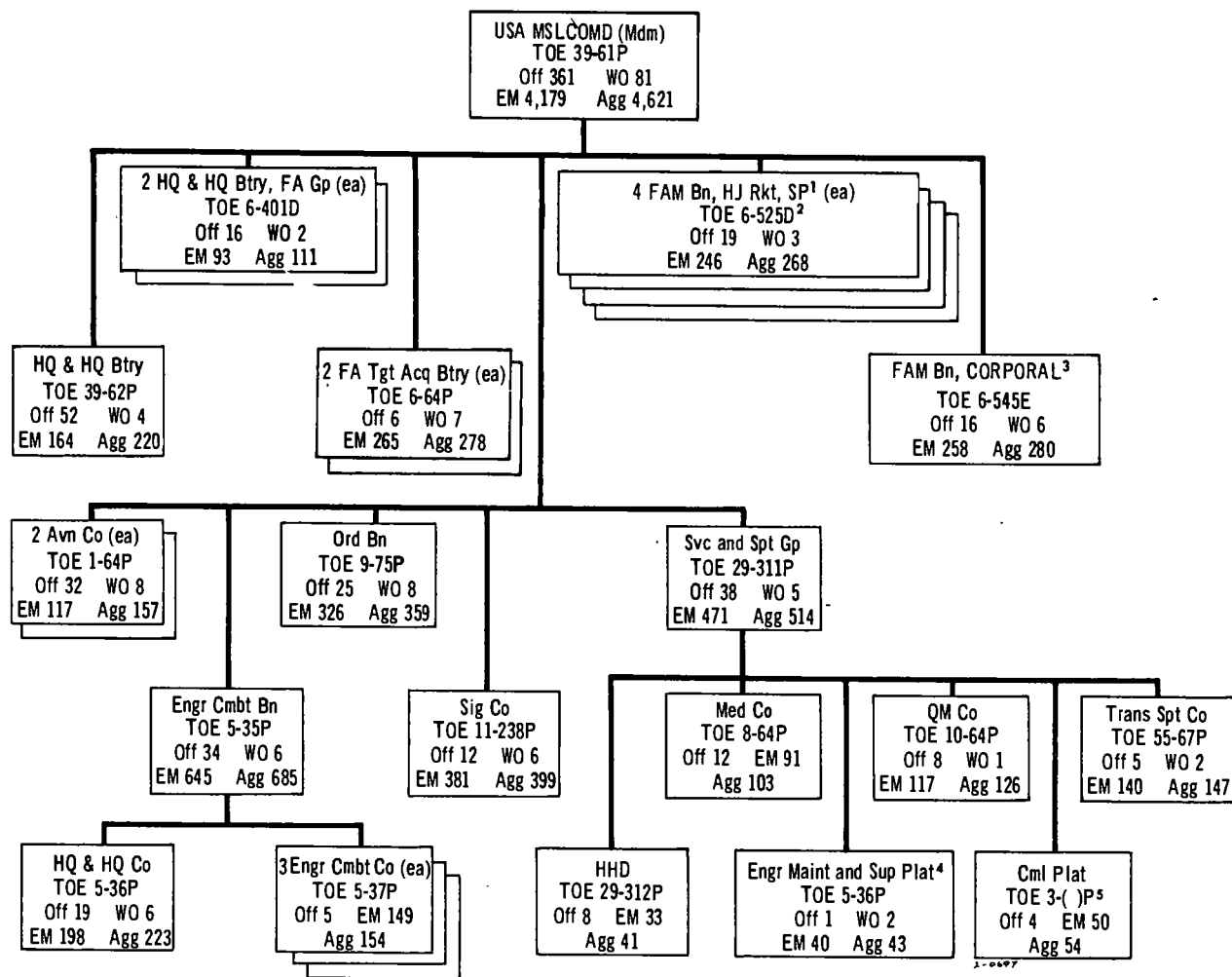
h. This unit does not provide for third-echelon maintenance support.

i. Organizational vehicular maintenance is provided by the support company, US Army missile command (air-transportable), TOE 29-307D.

j. Individuals of this unit, except chaplain, can fight as infantrymen when required. The

39-61P (Proposed) US Army MSLCOMD (Mdm)

Organization Chart.

¹ Includes 2 scty sac aug.² Includes a proposed change, which has USCONARC approval but has not been approved by DA.³ Includes scty sac aug.⁴ Augments HQ & HQ co, engr cmbt bn; however, str is not included in agg total shown in TOE 5-36P block since this plat is atch to the svc and spt gp.⁵ Includes 3 RADLCEN teams LA, TOE 3-500D; and 1 cmbt spt plat, TOE 3-7D. See remarks, TOE 3-7D.

unit has the capability of assisting in the defense of itself and its installations against hostile ground attack.

Strength. Off 31 WO 4 EM 104 Agg 139.

Basis of allocation. One per US Army missile command (air-transportable), TOE 39-51D.

Mobility. Seventy-five percent mobile and air-transportable.

Remarks. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

Mission. To provide field artillery nuclear fires in support of Allied ground forces.

Assignment. To theater of operations.

Capabilities. a. Supports Allied ground forces by nuclear missile fires to the range of its weapons.

b. Acquires targets to the ranges of its weapons; identifies and establishes horizontal and vertical location of these targets in relation to the location of its weapons.

c. Employs atomic demolition munitions as required within the capabilities of the engineer combat battalion.

d. Advises the supported force commander in the employment of nuclear weapons and maintains liaison with the supported force commander and his staff.

e. Supports itself logistically after resupply has been delivered to the area of the missile command. This includes organizational supply and maintenance, technical service supply, third-echelon maintenance, and warhead and missile supply.

f. Provides unit and division levels of medical service.

g. Achieves tactical battlefield mobility with organic transportation.

h. Provides radiation detection and decontamination service, to include the prediction of radiological fallout.

i. Receives and processes combat intelligence available at the supported force headquarters.

j. Provides internal and external communications.

k. Provides local security. (The local security provisions are sufficient to protect personnel

and equipment within position areas from small guerrilla bands, infiltrators, saboteurs, and normal hazards. Units are capable of establishing and maintaining exclusion areas when nuclear materials are present. Inasmuch as local security requirements will vary depending on the area of employment and the capabilities of the supported force to limit infiltration and guerrilla action, augmentation by US forces may be required. The size of this US force may conceivably vary from an infantry company to a sizable force.)

l. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 361 WO 81 EM 4,179 Agg 4,621.

Basis of allocation. As required.

Mobility. See components.

Components. Composed of the following units:

One headquarters and headquarters battery, TOE 39-62P.

Two headquarters and headquarters batteries, field artillery group, TOE 6-401D.

Four field artillery missile battalions, HONEST JOHN rocket, self-propelled, TOE 6-525D (as modified by a proposed change).

Two field artillery target acquisition batteries, TOE 6-64P.

One field artillery missile battalion, CORPORAL, TOE 6-545E.

Two aviation companies, TOE 1-64P.

One ordnance battalion, TOE 9-75P.

One signal company, TOE 11-238P.

One service and support group, TOE 29-311P.

One engineer combat battalion, TOE 5-35P.

Remarks. a. For data concerning vehicles and armament, see table XII.

b. Above data are included for planning purposes only and do not reflect final DA approval. When published, this unit will replace the US Army missile command (medium) organized under TOE 39-61T.

39-61T (Tentative) US Army MSLCOMD (Mdm)

Mission. To provide nuclear fire support to US or Allied forces in any area of the world. To be moved to the designated area by the most expeditious means with minimum warning.

Assignment. To theater of operations.

Capabilities. *a.* Supports, by nuclear fire, counteraggression forces or reinforces indigenous forces in localized hostilities.

b. Acquires and develops target data.

c. Supports itself logistically after resupply has been delivered to the missile command.

d. Provides limited third-echelon engineer, ordnance, and signal maintenance.

e. Provides third-echelon aircraft maintenance.

f. Individuals of this unit, except chaplains and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 392 WO 84 EM 4,817 Agg 5,293.

Basis of allocation. As required.

Mobility. See components.

Components. Composed of the following units:

One headquarters and headquarters company, TOE 39-62T.

One armored infantry battalion, TOE 7-25T.

One field artillery rocket group, TOE 39-65T.

One field artillery missile battalion, CORPORAL, TOE 6-545D. See remarks, TOE 6-545E.

One sky cavalry battalion, TOE 1-25T.

One engineer combat battalion, army, TOE 5-35D (less one company, TOE 5-37D).

One engineer camouflage company, TOE 5-97D. See remarks, TOE 5-97E.

One survey platoon (IB), TOE 5-500C.

One geodetic survey team (IJ), TOE 5-500C.

One signal company, TOE 11-38T.

One service and supply group, TOE 29-311T.

Remarks. *a.* For organization chart and data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

b. This unit will be replaced by the US Army missile command (medium), TOE 39-61P (see above), when approved and published by DA.

39-62P (Proposed) HQ & HQ Btry, US Army MSLCOMD (Mdm)

Mission. To provide command, control, and supervision of operations of the US Army missile command (medium).

Assignment. Organic to US Army missile command (medium), TOE 39-61P.

Capabilities. *a.* Provides command, control, staff planning, and supervision of operations and administration.

b. Performs organizational maintenance on assigned vehicles and aircraft.

c. Performs personnel administration.

d. Furnishes aviation support for the missile command headquarters.

e. Provides medical support for the headquarters and headquarters battery.

f. When augmented, this unit is capable of providing—

(1) Interpreter-translator support for its military intelligence platoon. This platoon requires further augmentation for operations with Allied forces.

(2) Facilities for inspector general, judge advocate general, and special services functions. When higher US Army headquarters are available to furnish such support, these augmentations will not be required.

g. Transportation (by way of vehicles transporting radioteletypewriter sets AN/GRC-46) for the liaison officers assigned to this unit is provided by signal company, US Army missile command (medium), TOE 11-238P.

h. Individuals of this unit, except chaplains, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 52 WO 4 EM 164 Agg 220.

Basis of allocation. One per US Army missile command (medium), TOE 39-61P.

Mobility. One hundred percent mobile.

Remarks. a. For data concerning vehicles and armament, see table XII.

b. Above data are included for planning purposes only and do not reflect final DA approval.

**39-62T (Tentative) HQ & HQ Co, US Army
MSLCOMD (Mdm)**

Mission. To provide command, control, and supervision of operations of the US Army missile command (medium).

Assignment. Organic to US Army missile command (medium), TOE 39-61T.

Capabilities. a. Provides command, control, staff planning, and supervision of operations and administration.

b. The military intelligence platoon, organic to this unit, requires augmentation for operation with Allied forces.

c. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 61 WO 13 EM 194 Agg 268.

Basis of allocation. One per US Army missile command (medium), TOE 39-61T.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

**39-65T (Tentative) FA Rkt Gp, US Army
MSLCOMD (Mdm)**

Mission. To provide field artillery fires for the US Army missile command (medium), including facilities for tactical control and administrative supervision.

Assignment. Organic to US Army missile command (medium), TOE 39-61T.

Capabilities. a. Provides command, control, staff planning, and supervision of operations and administration of assigned or attached units.

b. Delivers nuclear and other fires on designated targets with a variety of warheads.

c. Furnishes its portion of the communication, liaison, and survey required by the group mission and provides ballistic meteorological data and accurate topographic survey.

d. Draws, transports, stores, assembles, tests, and repairs rockets and associated equipment.

e. Provides unit-level medical service, to include medical care and evacuation for the field artillery rocket group and assigned or attached units; establishes aid stations; and furnishes aidmen to supported units.

f. Individuals of this unit, except chaplains and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 95 WO 18 EM 1,092 Agg 1,205.

Basis of allocation. One per US Army missile command (medium), TOE 39-61T.

Mobility. One hundred percent mobile.

Components. Composed of the following units:

One headquarters and headquarters battery, field artillery group, TOE 6-401D.

Three survey platoons, TOE 6-576C. See remarks, TOE 6-576D.

Two mess teams (CB), TOE 29-500D.

Two wheeled vehicle mechanic (augmentation) teams (DE), TOE 29-500D.

Four field artillery missile battalions, HONEST JOHN rocket, self-propelled, TOE 6-525D.

Four meteorological sections, TOE 6-576C. See remarks, TOE 6-576D.

Remarks. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

**39-401T (Tentative) HHD, US Army Arty Whd
Spt Gp**

Mission. a. To command and administer a number of US Army warhead support organizations and other units as directed.

b. To furnish advice on detailed security, operational, training, technical, logistical, and administrative requirements.

Assignment. To theater of operations as required.

Capabilities. *a.* Provides command, control, staff planning, and supervision of operations, security, and administration of attached units.

b. Administers all nuclear matters in the restricted data category, such as dispersals, stockpiling, and logistical reporting.

c. Supervises logistical and administrative support of US personnel.

d. Communicates by radio with the next higher headquarters.

e. The host nation will provide—

- (1) All internal communications and communications between the group headquarters and subordinate units.
- (2) Transportation, including augmentation sections, if required, unless other provisions for transportation are made by bilateral agreement. Minimum number and type (or equivalent type) vehicle requirements are as reflected in the augmentation motor transport and mobile radio sections.

f. When augmented by the motor transport section (EM 5), the liaison section (Off 1 EM 1), the mobile radio section (EM 3), and the

chaplain section (Off 1 EM 1), the capabilities of the unit are expanded by—

- (1) Providing transportation for the unit.
- (2) Providing liaison as required.
- (3) Providing additional radio communications.
- (4) Providing religious support.

g. Supply, medical, and finance support, if required, will be provided by augmentation of appropriate detachments from TOE 10-500R, TOE 8-500C, and TOE 14-500D, respectively.

h. This unit is dependent on external sources for maintenance support above second echelon, including engineer, signal, and ordnance (except nuclear).

i. Individuals of this unit except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. Off 8 EM 20 Agg 28.

Basis of allocation. According to geographical area and density of custodial units.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles and armament, see table XIII.

Table XII. US Army Missile Command (Medium) Major Weapons, Vehicles, and Vehicular Equipment, TOE 39-61P

1	1	2	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Units	Total MSLCOMD ¹	HQ & HQ btry TOE 39-62P	2 HQ & HQ btry, FA gp (ea) TOE 6-401D	2 FA tgt acq btry (ea) TOE 6-64P	4 FAM bn, HJ rkt, SP ² (ea) TOE 6-526D	FAM bn, CORPORAL ³ TOE 6-645E	2 avn co (ea) TOE 1-64P	Ord bn TOE 9-76P	Sig co TOE 11-238P	Engr cmbt bn TOE 5-35P			Svc and spt gp TOE 29-311P						
	Item										Total bn	HQ & HQ co TOE 5-36P	3 engr cmbt co (ea) TOE 5-37P	Total gp	HHD TOE 29-312P	Med co TOE 8-64P	QM co TOE 10-64P	Trans spt co TOE 55-67P	Cml plat ⁴ TOE 3-()P	Engr maint and sup plat ⁵ TOE 6-36P
	<i>Weapons</i>																			
2	Carbine, cal .30.....	29												(29)					29	
3	Gun, mach, cal .50, Bng, hv bbl, flex.....	51		1				2	13	9	(18)	6	4	(5)			1	4		
4	Gun, mach, 7.62-mm, lt-weight, GP, on mount.....	181	1	2	19	19	13	4	4	8	(20)	2	6	(9)	2		4	2	1	
5	Gun, submach, cal .45.....	1												(1)					1	
6	Launcher, 762-mm rkt, trk-mtd.....	16				4														
7	Launcher, GM/CORPORAL II/.....	3					3													
8	Launcher, rkt, 3.5-in.....	142		2	8	12	13	4	6	5	(34)	7	9	(8)	2		3	2	1	
9	Pistol, auto-semiauto, cal .45.....	242	38	9	3	5	9	40	11	12	(25)	22	1	(23)	3	12	2	5		1
10	Rifle, semiauto, 7.62-mm, lt bbl.....	4,331	180	100	275	263	271	117	347	387	(659)	200	153	(451)	37	91	124	142	15	42
11	Rifle, US, cal .30.....	9												(9)					9	
12	Individual weapons.....	4,612	218	109	278	268	280	157	358	399	(684)	222	154	(513)	40	103	126	147	54	43
13	Crew-served weapons.....	393	1	5	27	35	29	10	23	22	(72)	15	19	(22)	4		8	8	2	
14	Total weapons.....	5,005	219	114	305	303	309	167	381	421	(756)	237	173	(535)	44	103	134	155	56	43
	<i>Aircraft</i>																			
15	Airplane, obsn, lt.....	6						3												
16	Airplane, survl, cmbt.....	8						4												
17	Airplane, transport.....	8						4												
18	Airplane, util.....	1	1																	
19	Hel, transport, lt.....	8						4												
20	Hel, obsn.....	8	2					3												
21	Hel, util.....	12	4					4												
22	Total aircraft.....	51	7					22												
	<i>Tracked Vehicles</i>																			
23	Trac, full-tracked, low-speed, diesel-driven, mdm DBP.....	12				1	1				(7)	1	2							
24	Trac, full-tracked, high-speed, 18-ton.....	3					3													
25	Total tracked vehicles.....	15				1	4				(7)	1	2							

See footnotes at end of table.

Table XII. US Army Missile Command (Medium) Major Weapons, Vehicles, and Vehicular Equipment, TOE 39-61P—Continued

1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Units Item	Total MSLCOMD ¹	HQ & HQ btry TOE 39-62P	2 HQ & HQ btry, FA gp (ea) TOE 6-401D	2 FA tgt acq btry (ea) TOE 6-64P	4 FAM bn, HJ rkt, SP ² (ea) TOE 6-525D	FAM bn, CORPORAL ³ TOE 6-545E	2 avn co (ea) TOE 1-64P	Ord bn TOE 9-75P	Sig co TOE 11-238P	Engr embt bn TOE 5-35P		Svc and spt gp TOE 29-311P							Engr maint and sup plat ⁵ TOE 5-36P
											Total bn	HQ & HQ co TOE 5-36P	3 engr embt co (ea) TOE 5-37P	Total gp	HHD TOE 29-312P	Med co TOE 8-64P	QM co TOE 10-64P	Trans spt co TOE 55-67P	Cml plat ⁴ TOE 3-() P	
26	<i>Wheeled Vehicles</i> Air servicer, trk-mtd, 5-ton, 6x6/CORPORAL II/.....	5					5													
27	Compressor, reciprocating, power-driven, air, trk-mtd, gas-driven, 80 CFM, 5,000 psi	2					2													
28	Electronic shop, test sta, GM, trk-mtd	1							1											
29	Electronic shop, trk-mtd, fld maint, AN/MPM-38	1							1											
30	Fftg equip set, Army acft crash, trk-mtd, set No. 21	2						1												
31	Firing sta, GM, trk mtd, AN/MSE-1/CORPORAL II/.....	2					2													
32	Launcher, 762-mm rkt, trk-mtd	16				4														
33	Msl test sta, trk mtd, AN/MSM-4/CORPORAL II/.....	3					2		1											
34	Pneumatic tool and compressor outfit, 210 CFM, trk mtd	4									(4)	1	1							
35	Servicing platform, 5-ton, 6x6, trk-mtd/CORPORAL II/.....	2					2													2
36	Shop equip, contact maint, trk mtd	2												(2)						
37	Shop equip, org rep, lt, trk mtd	1									(1)	1								
38	Trk, amb, frontline, ¼-ton, 4x4	5				1					(1)	1								
39	Trk, util, ¼-ton, 4x4	288	26	12	20	16	16	4	23	27	(36)	21	5	(24)	8	4	4	4	2	2
40	Trk, amb, fld, ¾ ton, 4x4	14	1				1							(12)		12				
41	Trk, ego, ¾-ton, 4x4	299	10	11	35	18	15	12	13	28	(28)	13	5	(17)	2		4	3	7	1
42	Trk, ego, ¾-ton, 4x4, WWN	39		1	2	4	2	6		3										
43	Trk, ego, 2½ ton, 6x6, LWB	200	8	3	17	8	7	2	35	17	(17)	11	2	(40)	3	4	13	14	3	8

44	Trk, cgo, 2 1/2-ton, 6x6, LWB, WWN	135	2	3	7	8	11	5	6	47	(3)	3		(4)		2		1	1	
45	Trk, shop van, 2 1/2-ton, 6x6, LWB	47			6	4	3	2	10					(2)		2				
46	Trk, tk, gas, 2 1/2-ton, 6x6, LWB, with kit segregator	12	1				1	3			(1)	1		(3)		3				
47	Trk, tk, water, 2 1/2-ton, 6x6	16	11				2		2					(1)		1				
48	Trk, trac, 2 1/2-ton, 6x6, LWB	3							3											
49	Trk, trac, 2 1/2-ton, 6x6, LWB, WWN	2			1															
50	Trk, trac, 2 1/2-ton, 6x6, SWB	2												(2)				2		
51	Trk, cgo, 5-ton, 6x6, LWB	14					4							(10)				10		
52	Trk, cgo, 5-ton, 6x6, XLWB, WWN	26							25					(1)				1		
53	Trk, dump, 5-ton, 6x6	3									(3)	3								
54	Trk, dump, 5-ton, 6x6, WWN	36									(36)		12							
55	Trk, mdm wkr, 5-ton, 6x6, WWN	33			1	5	1		8		(1)	1		(1)		1				
56	Trk, propellant, svc, 5-ton, 6x6/COR- PORAL II/	4					4													
57	Trk, trac, 5-ton, 6x6, SWB	4												(4)		2				2
58	Trk, trac, 5-ton, 6x6, SWB, WWN	16				1	1		2		(7)	1	2	(2)				2		
59	Trk, trac, wkr, 5-ton, 6x6, XLWB, WWN	15					6		3					(6)				6		
60	Water purification equip set, trk-mtd, diatomite filter	4									(4)	4								
61	Total wheeled vehicles	1,258	59	30	89	69	87	35	133	122	(142)	61	27	(131)	13	23	29	43	13	10
<i>Trailers</i>																				
62	Chassis, tlr, genr, 1 1/2-ton, 2-wheel	2							2											
63	Chassis, tlr, genr, 2 1/2-ton, 2-wheel	10					4	1	4											
64	Computer gp, GM, tlr-mtd, AN/MSA- 6/CORPORAL II/	1					1													
65	Genr set, gas eng, tlr-mtd, PU-290/MR	6			1					4										
66	Genr set, assy, gas eng, tlr-mtd, PU- 322/G	2						1												
67	Ldry unit, tlr-mtd, with genr and tum- bler	1												(1)		1				
68	Lub and svc unit, power-op, tlr-mtd, 12 CFM, air compressor, gas-driven, winterized	1												(1)						1
69	Radar set gp, stlr mtd, OA-652/MPQ- 25/CORPORAL II/	1					1													
70	Radio set, tlr mtd, AN/MRQ-7/ COR- PORAL II/	1					1													
71	Stlr, cgo van, 6-ton, 2-wheel	3							3											
72	Stlr, rep parts, shop van, 6-ton	1												(1)						1
73	Stlr, shop van, 6-ton, 2-wheel	2												(2)				2		
74	Stlr, low-bed, wkr, 12 ton, 4-wheel, 40- ft	17					4		2					(11)				11		

See footnotes at end of table.

Table XII. US Army Missile Command (Medium) Major Weapons, Vehicles, and Vehicular Equipment, TOE 39-61P—Continued

1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Units	Total MSLCOMD ¹	HQ & HQ btry TOE 39-62P	2 HQ & HQ btry, FA gp (ea) TOE 6-401D	2 FA tgt acq btry (ea) TOE 6-64P	4 FAM bn, HJ rkt, SP ² (ea) TOE 6-525D	FAM bn, CORPORAL ³ TOE 6-545E	2 avn co (ea) TOE 1-64P	Ord bn TOE 9-76P	Sig co TOE 11-238P	Engr cmbt bn TOE 5-36P		Svc and spt gp TOE 29-311P							
	Item										Total bn	HQ & HQ co TOE 5-36P	3 engr cmbt co (ea) TOE 5-37P	Total gp	HHD TOE 29-312P	Med co TOE 8-64P	QM co TOE 10-64P	Trans spt co TOE 55-67P	Cml plat ⁴ TOE 3-) P	Engr maint and sup plat ⁵ TOE 5-36P
	<i>Trailers—Continued</i>																			
75	Stlr, low-bed, 15-ton, 4-wheel	1					1													
76	Stlr, low-bed, 25-ton, 4-wheel	13				1			2		(7)	1	2				2			
77	Stlr, tk, gas, 5,000 gal, 4-wheel	2												(2)						
78	Shop equip, GP rep, stlr-mtd	1												(1)						1
79	Shop set, acft maint, stlr-mtd	2												(2)				2		
80	Tlr, amph, cgo, ¼-ton, 2-wheel	217	25	9	4	13	14	4	21	26	(25)	19	2	(20)	4	4	4	4	2	2
81	Tlr, cgo, ¾-ton, 2-wheel	193	9	3	14	11	13	17	10	25	(10)	10		(14)	2		4	3	4	1
82	Tlr, cgo, 1½-ton, 2-wheel	223	8	2	19	6	16	4	48	14	(23)	11	4	(40)	2	5	6	22	2	3
83	Tlr, tk, water, 1½-ton, 2-wheel	27	1	1	2	1	1	1	2	1	(6)	3	1	(4)	1	1	1	1		
84	Tlr, cgo, genr, 2-ton, 4-wheel	4			1						(2)	2								
85	Tlr, util, basic, 2½-ton, 2-wheel	36									(36)		12							
86	Tlr, flat-bed, 10-ton	2									(2)	2								
87	Tlr, 762-mm rkt transporter	32				8														
88	Welding shop, tlr-mtd	1									(1)	1								
89	Total trailers	802	43	15	41	40	56	28	94	70	(112)	49	21	(99)	9	10	18	45	8	9
	<i>Major Vehicular Equipment</i>																			
90	Angledozer, earth moving, cable-op, for tractor, mdm	12				1	1				(7)	1	2							
91	Crane shovel, basic unit, trk mtd, 20-ton	5							2		(2)	2		(1)						1
92	Erector, GM, SP/CORPORAL II/	2					2													
93	Grader, road, mtz, diesel-driven	3									(3)	3								

¹ Totals shown are derived from TOE of component units, with aug as indicated below.² Includes two scy sec aug.³ Includes scy sec aug.⁴ Includes 3 RADLCEN teams (LA), TOE 3-500D; and 1 cmbt plat, TOE 3-7D.⁵ Augments HQ & HQ co, engr cmbt bn, TOE 5-36P; however, totals are not included in column 12 since this plat is atch to svc and spt gp.

Table XIII. Headquarters and Headquarters Detachment, US Army Artillery
Warhead Support Group Major Weapons and Vehicles, TOE 39-401T

1	1	2
	Item	Total det ¹
	<i>Weapons</i>	
2	Pistol, semiauto, cal .45 -----	9
3	Rifle, semiauto, 7.62-mm, lt bbl -----	30
4	Individual weapons -----	39
5	Crew-served weapons -----	--
6	Total weapons -----	39
	<i>Wheeled Vehicles</i>	
7	Trk, util, ¼-ton, 4x4 -----	6
8	Trk, cgo, ¾-ton, 4x4 -----	2
9	Trk, cgo, 2½-ton, 6x6, LWB, WVN -----	4
10	Total wheeled vehicles -----	12
	<i>Trailers</i>	
11	Tlr, amph, cgo, ¼-ton, 2-wheel -----	6
12	Tlr, cgo, ¾-ton, 2-wheel -----	2
13	Tlr, cgo, 1½-ton, 2-wheel -----	1
14	Tlr, tk, water, 1½-ton, 2-wheel -----	1
15	Total trailers -----	10

¹ Includes MT sec, ln sec, mbl radio sec, and chaplain sec aug.

Section VI. AIR DEFENSE ARTILLERY

44-2D HQ & HQ Btry, ADA Bde

Mission. To plan, direct, and coordinate operations of subordinate air defense artillery groups and other units employed in air defense operations.

Assignment. Normally assigned to a field army, an Army air defense command (AADC), or other similar major headquarters.

Capabilities. a. Provides command, tactical control, staff planning, supervision of operations, and limited communications for two or more subordinate air defense artillery groups.

b. Basis for computation of mess and automotive personnel to support augmentations will be provided by teams from TOE 29-500D as required.

c. Augmentation of the aviation section (Off 3 EM 4) provides the personnel and equipment to staff that section.

d. Augmentation of the air defense command post platoon (manual) (Off 4 EM 23) provides personnel and equipment to operate the brigade air defense commander's tactical command post. When organized with the air defense command

post platoon (MISSILE MONITOR) augmentation (Off 26 EM 58), the manually operated facilities will not normally be needed.

e. Augmentation of the radar section (EM 10) provides personnel and equipment to operate the air defense acquisition radar. (The number of radar sections to be employed is based on "gap filler" and coverage requirements of the assigned air defense complex.)

f. Augmentation of the control and reporting center section (Off 3 EM 11) provides personnel and equipment to permit liaison with the associate control and reporting center of adjacent air defense organizations. The number of sections required depends on the number of control and reporting centers in the air defense complex.

g. Augmentation of the air defense command post platoon (MISSILE MONITOR), which consists of the command post headquarters section (MISSILE MONITOR) (Off 2 EM 3) and the weapons monitoring and radar processing section (MISSILE MONITOR) (Off 24 EM 55), provides personnel and equipment for operation of missile monitor facilities when assigned.

(Normally this platoon replaces the air defense command post platoon (manual) augmentation unless both manual and electronic fire distribution means are employed in the air defense complex.) When augmented, the missile monitor facilities provide the following:

- (1) Facilities for continuous collection and evaluation of air defense information and dissemination of intelligence.
- (2) Continuous automatic broadcast of externally generated and/or locally generated reference data to subordinate fire units.
- (3) A fire distribution capability.

h. The attachment of signal teams from TOE 11-500P provides designated maintenance and communication support when missile monitor facilities (AN/MSG-4) are provided. In addition, field army Signal Corps troops will provide required interunit communication circuits.

i. Individuals of this unit can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. Off 25 WO 5 EM 70 Agg 100.

Basis of allocation. One or more to a field army, an AADC, or other major headquarters.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles and armaments, see table XIV.

44-7R ADAOD

Mission. To operate an Army air defense command post (AADCP).

Assignment. To appropriate air defense artillery headquarters (brigade, group, battalion).

Capabilities. Provides for the air defense artillery headquarters to which attached:

- a.* Collection and evaluation of air defense information and dissemination of intelligence.
- b.* Tactical supervision, including fire distribution, when and as necessary.

c. Coordination and liaison with other arms and services.

d. Collection and dissemination of meteorological data.

Strength. Off 4 EM 49 Agg 53.

Basis of allocation. *a.* One per 6 to 12 battalions of air defense artillery, depending on the size of the air defense areas.

b. Normally one per field army and one per corps.

Mobility. *a.* One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. For data concerning vehicles and armament, see table XIV.

44-8E ADA Tgt Det

Mission. To operate and maintain radio-controlled airplane targets of the nonman-carrying type for air defense artillery training and target practice.

Assignment. Normally attached to another air defense artillery unit when required.

Capabilities. *a.* Provides highspeed aerial targets for target or tracking practice for air defense artillery automatic weapons units, gun units, and guided missile units.

b. Provides organizational maintenance for radio-controlled airplanes.

c. This unit must be attached to, or is dependent on, other units for supply, motor maintenance support, mess, and personnel administration.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. Off 1 EM 14 Agg 15.

Basis of allocation. One or more to major command as required.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles, armament, and target equipment, see table XVI.

44-12D HQ & HQ Btry, ADA Gp

Mission. To provide tactical control and administrative supervision of subordinate air defense artillery organizations and other assigned units employed in air defense operations.

Assignment. Normally assigned to a field army, an independent corps, corps, AADC, or to a major subordinate element of a field army or an AADC.

Capabilities. a. Provides command, tactical control, staff planning, and supervision of operations, administration, and maintenance for two or more subordinate air defense artillery organizations.

b. Provides limited communications for two or more subordinate air defense artillery organizations.

c. Basis for computation of mess and automotive maintenance personnel to support augmentations will be provided by teams from TOE 29-500D as required.

d. Augmentation of the air defense command post platoon (manual) (Off 4 EM 23) provides the personnel and equipment to operate the group air defense commander's tactical command post. When organized with the air defense command post platoon (MISSILE MONITOR) augmentation (Off 26 EM 58), the manually operated facilities will not normally be needed.

e. Augmentation of the command and staff support section (Off 2) provides staff personnel to assist the commander in staff planning and supervision of technical aspects of a group-assigned air defense complex. The requirement for this section will depend on the frequency of relocating and establishing new defenses.

f. Augmentation of the air defense tactical operations section (Off 5 EM 5) provides personnel and equipment to supervise, control, and coordinate the air defense functions assigned to the air defense section of the responsible tactical operations center (of an independent corps or other major headquarters).

g. Augmentation of the air operations center section (Off 3 EM 6) provides personnel and equipment to establish liaison with an associate

air operations center section in an air defense complex.

h. Augmentation of the aviation section (Off 2 EM 3) provides personnel and equipment to support the commander and staff in the supervision of training, maintenance, and rapid evacuation of personnel and small critical parts, relative to the operation of assigned air defense units. Required when aircraft facilities are not available to the commander from other sources.

i. Augmentation of the radar section (EM 10) provides personnel and equipment to operate the air defense acquisition radar. (The number of radar sections to be employed is based on "gap filler" and coverage requirements of the assigned air defense complex.)

j. Augmentation of the HAWK missile support team (WO 1) provides personnel and equipment to assist the group commander and staff in the technical aspects of HAWK fire control training and operations. This augmentation will be required only when subordinate HAWK units are employed.

k. Augmentation of the control and reporting center section (Off 3 EM 11) provides personnel and equipment to permit liaison with the associate control and reporting center of adjacent air defense organizations. The number of sections required depends on the number of control and reporting centers in the air defense complex.

l. Augmentation of the air defense command post platoon (MISSILE MONITOR), which consists of the command post headquarters section (MISSILE MONITOR) (Off 2 EM 3) and the weapons monitoring and radar processing section (MISSILE MONITOR) (Off 24 EM 55), provides personnel and equipment for operation of missile monitor facilities when assigned. (Normally this platoon replaces air defense command post platoon (manual) augmentation unless both manual and electronic fire distribution means are employed in the air defense complex.) When augmented, the missile monitor facilities provide the following:

- (1) Facilities for continuous collection and evaluation of air defense information and dissemination of intelligence.

- (2) Continuous automatic broadcast of externally generated and/or locally generated reference data to subordinate fire units.

- (3) A fire distribution capability.

m. The attachment of signal teams from TOE 11-500P provides designated maintenance and communication support when missile monitor facilities (AN/MSG-4) are provided. In addition, field army Signal Corps troops will provide required interunit communication circuits.

n. Individuals of this unit can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. Off 14 WO 5 EM 60 Agg 79.

Basis of allocation. One or more to a field army, a corps, an AADC, or major subordinate element of a field army, or AADC.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles and armaments, see table XIV.

44-15D ADA Gun Bn, 90-mm

Mission. To provide local air defense of assigned installations against low- and medium-altitude aircraft and fire against mechanized or other terrestrial targets.

Assignment. Normally assigned to an independent corps or field army. May function as a separate battalion or be attached to an air defense artillery group.

Capabilities. a. Provides local air defense of assigned installations against low- and medium-altitude aircraft and fire against terrestrial targets.

b. When augmented by the meteorological section (WO 1 EM 13), provides personnel and equipment to obtain timely meteorological data for subordinate gun-type units when these data are not provided from other sources.

c. Individuals of this unit, except chaplain and medical personnel, can fight as infantry-

men when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 29 WO 8 EM 630 Agg 667.

Basis of allocation. One or more as required to corps and field army artillery or to an air defense artillery group.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. For components and data concerning vehicles and armament, see table XIV.

44-57T (Tentative) ADAOD, MSL MONITOR

Mission. To operate an AADCP.

Assignment. Normally attached to an air defense artillery group for employment in an air defense role. May be attached to an air defense artillery brigade when the brigade is operating essentially as an air defense artillery group.

Capabilities. a. Provides the air defense artillery headquarters to which attached with the following:

- (1) Facilities for the continuous collection and evaluation of air defense information and dissemination of intelligence.
- (2) Continuous automatic broadcast of externally generated and/or locally generated reference data to subordinate fire units.
- (3) A fire distribution capability.

b. Operator personnel are responsible for first-echelon maintenance of organic equipment. Second- and third-echelon maintenance on fire distribution components will be performed by an assigned signal maintenance team from TOE 11-500P. Organizational maintenance on engineer equipment will be performed by organic personnel, and engineer field maintenance support will be provided by an engineer team from TOE 5-500C.

c. Augmentation of the administrative support section (EM 4) provides the personnel and equipment to supplement administrative and maintenance functions of the air defense artil-

lery headquarters when the operations detachment is attached.

d. Male individuals of this detachment can fight as infantrymen when required. The detachment has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. Off 8 EM 41 Agg 49.

Basis of allocation. One per air defense artillery group or Army air defense headquarters acting essentially as an air defense artillery group employed in an air defense role.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. For data concerning vehicles and armament, see table XV.

44-85E ADA AW Bn, SP

Mission. a. To provide air defense for forward combat elements.

b. To attack and destroy hostile targets on land or water as required.

Assignment. Normally assigned to corps and/or field army for deployment as required.

Capabilities. a. Provides local air defense against low-flying aircraft.

b. Provides highly mobile automatic weapons fire against terrestrial and waterborne targets.

c. Provides medical service, to include emergency medical treatment, operation of aid station, evacuation of casualties to an aid station, and supervision of sanitation.

d. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 37 WO 3 EM 632 Agg 672.

Basis of allocation. One or more to corps and/or field army or to theater of operations.

Mobility. One hundred percent mobile.

Remarks. For components and data concerning vehicles and armament, see table XIV.

44-235T (Tentative) ADA Msl Bn, HAWK

Mission. To provide air defense artillery guided missile defense of assigned installations, or areas, against low- and medium-altitude hostile targets.

Assignment. Normally assigned to an independent corps or a field army. May function as a separate battalion or be attached to an air defense artillery group.

Capabilities. a. Provides air defense artillery guided missile defense of assigned installations, or areas, against low- and medium-altitude hostile aerial targets.

b. Provides medical service, to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties to an aid station, and supervision of sanitation.

c. This unit will require—

(1) Limited transportation support for resupply of missiles.

(2) Signal communication support and signal second- and third-echelon maintenance support for selected fire distribution system components, when augmented.

d. This unit may be organized as semimobile or mobile. Strengths and mobility applicable to each type organization are indicated below.

e. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. Semimobile: Off 38 WO 8 EM 423 Agg 469.

Mobile: Off 38 WO 8 EM 450 Agg 496.

Basis of allocation. One or more per defended area as required.

Mobility. a. Semimobile:

(1) Twenty-five percent mobile.

(2) One hundred percent air-transportable in heavy transport aircraft.

b. Mobile:

(1) One hundred percent mobile.

- (2) One hundred percent air-transportable in heavy transport aircraft.

Remarks. a. For data concerning vehicles and armament, see table XV.

b. For classified data concerning the HAWK weapons system, see FM 101-10, part III.

44-236T (Tentative) HQ & HQ Btry, ADA Msl Bn, HAWK

Mission. To provide command, administration, supply, organizational maintenance, and operational control for the air defense artillery missile battalion, HAWK.

Assignment. Organic to air defense artillery missile battalion, HAWK, TOE 44-235T.

Capabilities. a. Provides command, control, staff planning, and supervision of operations.

b. Provides reconnaissance.

c. Provides communications.

d. Provides supply, administration, and organizational maintenance.

e. Provides supervision of the assembly, testing, and maintenance of missiles at the missile battery launching sites.

f. Provides medical service, to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties to an aid station, and supervision of sanitation.

g. Signal communication support and signal second- and third-echelon maintenance support are required for the fire distribution system components when augmented.

h. Augmentation of the battalion radar section (EM 10) provides personnel and equipment to operate the battalion surveillance radar.

i. Augmentation of the battalion fire distribution section (EM 12) provides—

- (1) Personnel and equipment for operation of the battalion fire distribution section.
- (2) The air defense artillery missile battalion with additional facilities for—
 - (a) The continuous collection and evaluation of air defense information and dissemination of intelligence.
 - (b) Continuous automatic broadcast of externally generated and/or locally

generated reference data to subordinate fire units (up to eight).

(c) A fire distribution capability.

j. Augmentation of the air defense command post section (EM 10) provides personnel and equipment to operate the (manual) air defense command post section. (Not normally provided when the fire distribution system components are furnished.)

k. This unit may be organized as semimobile or mobile. Strengths and mobility applicable to each type organization are indicated below.

l. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. Semimobile: Off 14 WO 4 EM 79 Agg 97.

Mobile: Off 14 WO 4 EM 86 Agg 104.

Basis of allocation. One per air defense artillery missile battalion, HAWK, TOE 44-235T.

Mobility. a. Semimobile:

- (1) Twenty-five percent mobile.
- (2) One hundred percent air-transportable in heavy transport aircraft.

b. Mobile:

- (1) One hundred percent mobile.
- (2) One hundred percent air-transportable in heavy transport aircraft.

Remarks. For data concerning vehicles and armament, see table XV.

44-237T (Tentative) ADA Msl Btry, HAWK

Mission. To provide the missile-launching and fire control components of the air defense artillery missile battalion, HAWK.

Assignment. Organic to the air defense artillery missile battalion, HAWK TOE 44-235T.

Capabilities. a. Provides delivery of a high rate of fire from prepared positions against low- and medium-altitude hostile aerial targets.

b. Provides inspection, assembly, testing, and maintenance of missiles.

c. Provides storage of basic load of missiles and warheads.

d. This unit will require the following:

- (1) Limited transportation support for resupply of missiles.
- (2) Signal communication support and third-echelon maintenance support of the augmentation fire distribution system component when provided.

e. Augmentation of the battery fire distribution section (EM 2) provides—

- (1) The missile battery with continuous automatic broadcast of externally generated reference data.
- (2) Fire distribution facilities of higher headquarters with locally generated reference data.
- (3) Sufficient personnel to operate equipment and to perform first- and second-echelon maintenance.

f. This unit may be organized as semimobile or mobile. Strengths and mobility applicable to each type of organization are indicated below.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. Semimobile: Off 6 WO 1 EM 86 Agg 93.

Mobile: Off 6 WO 1 EM 91 Agg 98.

Basis of allocation. Normally four per air defense artillery missile battalion, HAWK, TOE 44-235T.

Mobility, a. Semimobile:

- (1) Twenty-five percent mobile.
- (2) One hundred percent air-transportable in heavy transport aircraft.

b. Mobile:

- (1) One hundred percent mobile.
- (2) One hundred percent air-transportable in heavy transport aircraft.

Remarks. For data concerning vehicles and armament, see table XV.

44-435E ADA Msl Bn, NIKE-AJAX

Mission. To provide artillery guided missile air defense of assigned installations, or areas, against medium- and high-altitude hostile aerial targets.

Assignment. Normally assigned to an independent corps or a field army. May function as a separate battalion or be attached to an air defense artillery group.

Capabilities. a. Provides guided missile air defense of assigned installations, or areas, against medium- and high-altitude hostile aerial targets.

b. Provides medical service, to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties to an aid station, and supervision of sanitation.

c. This unit will require the following:

- (1) Engineer support in the preparation of positions for occupancy.
- (2) Signal communication support and signal second- and third-echelon maintenance support for selected fire distribution system components when augmented.

d. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. Off 38 WO 13 EM 615 Agg 666.

Basis of allocation. One or more per defended area as required.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. a. For data concerning vehicles and armament, see table XV.

b. For classified capabilities, see FM 101-10, part III.

44-436E HQ & HQ Btry, ADA Msl Bn, NIKE-AJAX

Mission. To provide command, administration, supply, organizational maintenance, and

operational control for the air defense artillery missile battalion, NIKE-AJAX.

Assignment. Organic to air defense artillery missile battalion, NIKE-AJAX, TOE 44-435E.

Capabilities. a. Provides command, control, staff planning, and supervision of operations.

b. Provides reconnaissance and communications.

c. Provides supply, administration, and organizational maintenance.

d. Provides supervision of assembling, pressurizing, testing, and maintaining missiles at the missile battery launching site.

e. Provides medical service, to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties to an aid station, and supervision of sanitation.

f. This unit will require the following:

- (1) Limited engineer support in the preparation of positions for occupancy.
- (2) Signal communication support and signal second- and third-echelon maintenance support for battalion fire distribution system components when augmented.

g. Augmentation of the fire distribution section (EM 8) provides personnel and equipment for operation of the battalion air defense command post utilizing manual operations equipment.

h. Augmentation of the air defense command post section (EM 8) provides—

- (1) Personnel and equipment for operation of the battalion fire distribution section.
- (2) For the substitution of functions and personnel of the air defense command post section, g, above.
- (3) The air defense artillery missile battalion with additional facilities for—
 - (a) Continuous collection and evaluation of air defense information and dissemination of intelligence.
 - (b) Continuous automatic broadcast of externally generated and/or locally generated reference data to subordinate fire units (up to eight).
 - (c) A fire distribution capability.

i. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. This unit has the capability of providing local unit security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. Off 14 WO 5 EM 107 Agg 126.

Basis of allocation. One per air defense artillery missile battalion, NIKE-AJAX, TOE 44-435E.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

44-437E ADA Msl Btry, NIKE-AJAX

Mission. To provide the missile launching and fire control components of the battalion.

Assignment. Organic to the air defense artillery missile battalion, NIKE-AJAX, TOE 44-435E.

Capabilities. a. Delivers a sustained and deliberate rate of fire from prepared positions against medium- and high-altitude hostile targets.

b. Assembles, pressurizes, tests, and maintains missiles.

c. Stores a basic load of missiles and warheads.

d. This unit will require engineer support in the preparation of positions for occupancy and signal third-echelon maintenance support when battery fire distribution facilities are augmented.

e. Augmentation of the firefighting section (EM 4) provides for qualified full-time firefighting personnel.

f. Augmentation of the battery fire distribution section (EM 2) provides—

- (1) The missile battery with continuous automatic broadcast of externally generated and/or locally generated reference data.
- (2) Sufficient personnel to operate equipment and perform first- and second-echelon maintenance.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. Off 6 WO 2 EM 127 Agg 135.

Basis of allocation. Four per air defense artillery missile battalion, NIKE-AJAX, TOE 44-435E.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

44-500T (Tentative) US Army ADA Msl Whd Spt Org

Mission. a. To provide by team composition for the custody, control, storage, maintenance support, and monitoring of nuclear warhead sections and components (or nonnuclear components).

b. To perform nuclear warhead/missile mating installation or operations by team composition, depending on tactical and logistical considerations involved.

Assignment. Teams may be attached or assigned as required to fixed-strength units or may be organized into support units to perform custodial and monitoring functions under varying conditions.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and grouping of teams.

b. Basis for computation of mess and automotive maintenance teams, to support the control, custodial, and monitoring functions, will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance. These teams will be provided as required from TOE 29-500D.

c. Units organized utilizing these teams may be made operationally self-sufficient except for the following functions:

- (1) Transportation and escort personnel will be required to move warhead sections from US Army ammunition sup-

ply points, oversea storage sites (or unloading points) to missile battery storage/firing sites.

- (2) Construction and maintenance of storage sites, extension of communications, and external unit security, in accordance with the local area of operations, will require support to be furnished by the supported forces.

- (3) Interpreters and translators, when needed in the performance of normal support mission, will be provided from appropriate teams available.

d. Individuals of these teams, except medical personnel, can fight as infantrymen when required. A unit organized utilizing these teams has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. Normally one unit with appropriate teams per supported surface-to-air missile battalion (equivalent to a US Army air defense artillery missile battalion, NIKE-HERCULES). Capabilities and allocations are indicated for each team in the detailed breakdown of teams.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite service organization to be used.

Remarks. For data concerning vehicles and armament, see table XVII.

Part I—Administrative and Headquarters Teams

Teams AA and AB

Team AA, platoon headquarters, separate

Capabilities. Provides command and control of two or more security sections and one or more monitoring sections, depending on location.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One per 2 or more separate support functions with a strength of not less than 30 individuals.

Team AB, detachment headquarters

Capabilities. Provides command and control of two or more security and monitoring sections.

Strength. Off 2 EM 4 Agg 6.

Basis of allocation. One per 2 or more support functions with a strength of not less than 50 individuals.

Part 2—Administrative Support Team**Team DA, wrecker operator, augmentation**

Capabilities. Provides personnel and equipment to reinforce air defense artillery missile warhead support organization units where vehicle operation requires wrecker support.

Strength. EM 1.

Basis of allocation. Normally one per motor maintenance section of air defense artillery missile warhead support organization.

Part 3—Assembly and Monitoring Teams**Teams EA and EB****Team EA, assembly and monitoring section**

Capabilities. Provides qualified personnel and equipment to supervise and accomplish nuclear warhead/missile mating, nuclear warhead and components serving, and nuclear warhead monitoring.

Strength. WO 1 EM 4 Agg 5.

Basis of allocation. Normally one per each supported surface-to-air missile battalion.

Team EB, assembly and monitoring, augmentation

Capabilities. Provides qualified personnel and equipment to reinforce the service and monitoring capability of team EA. Assignment depends on workloads and distance factors involved.

Strength. EM 1.

Basis of allocation. Normally one per each additional supported surface-to-air missile fire unit assigned to the supported battalion.

Part 4—Security Teams**Teams FA, FB, and FC****Team FA, security guard**

Capabilities. Provides personnel and equip-

ment for supervision of three or more security guard sections, depending on the size of sections and distance factors involved.

Strength. EM 1.

Basis of allocation. Normally one per three or more security guard sections assigned or one per air defense artillery missile warhead support organization.

Team FB, security guard section

Capabilities. Provides personnel and equipment for supervision of one or more security guard squads. Personnel are capable of performing minor operational adjustments to NIKE-HERCULES missile components (on order) to permit tactical utilization of nuclear warhead by supported surface-to-air missile fire unit.

Strength. EM 2.

Basis of allocation. Normally one per two security guard squads assigned each supported fire unit. May supervise three squads if centrally located. Within the air defense artillery missile warhead support organization, four security guard sections are normally assigned.

Team FC, security guard squad

Capabilities. Provides personnel and equipment to maintain continuous custody of nuclear warhead sections or components at supported surface-to-air missile fire unit sites. Personnel are capable of performing minor operational adjustments to NIKE-HERCULES missile components (on order) to permit tactical utilization of nuclear warhead by supported unit.

Strength. EM 4.

Basis of allocation. Normally one per each storage compartment or launcher pit of a supported surface-to-air missile fire unit.

Part 5—Communications Teams**Teams GA, GB, GC, and GD****Team GA, detachment communications section**

Capabilities. Provides personnel and equipment for the operation and maintenance of radio and telephone nets within the air defense artillery missile warhead support organization.

Strength. EM 7.

Basis of allocation. Normally one per each supported surface-to-air missile battalion.

Team GB, communications, augmentation

Capabilities. Provides personnel to reinforce the operational capabilities of team GA as required. Assignment will depend on traffic and operational requirements imposed by distance, service, and security factors.

Strength. EM 1.

Basis of allocation. Normally one or more where 24-hour radio operation and/or traffic load requires augmentation.

Team GC, communications, augmentation

Capabilities. Provides personnel to reinforce the operational capabilities of team GA and/or operate as required radio/telephone facilities at supported surface-to-air missile fire units. Assignment depends on traffic and operational requirements imposed by distance, service, and security factors.

Strength. EM 1.

Basis of allocation. Normally one or more where 24-hour communication operation requires augmentation.

Team GD, communications, augmentation

Capabilities. Provides personnel and equipment to operate switchboard telephone manual SB-22/PT. Augments team GA as required; installs and maintains internal wire communications.

Strength. EM 1.

Basis of allocation. Normally one per unit authorized switchboard SB-22/PT.

Part 6—Medical Support Teams

Teams HA, HB, HC, and HD

Team HA, medical section

Capabilities. Provides personnel and equipment for supervision of medical aid section and limited medical and surgical treatment.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. Normally one per medical aid section assigned to an air defense artillery missile warhead support organization.

Team HB, medical aid section

Capabilities. Provides minimum personnel and equipment for operation of medical aid station.

Strength. EM 3.

Basis of allocation. Normally one per air defense artillery missile warhead support organization.

Team HC, medical aid section, augmentation

Capabilities. Provides personnel and equipment for medical support of team HB when limited medical/surgical treatment facilities are required. May be utilized in lieu of team HA.

Strength. EM 1.

Basis of allocation. Normally one per medical aid section assigned to an air defense artillery missile warhead support organization.

Team HD, medical aid section, augmentation

Capabilities. Provides personnel for medical support of team HB when distance and operational assignment require medical aidman support at distant supported surface-to-air missile fire unit sites.

Strength. EM 1.

Basis of allocation. Normally one or more (not to exceed three) per medical aid section assigned to an air defense artillery missile warhead support organization.

44-535T (Tentative) ADA Msl Bn, HERC

Mission. To provide artillery guided missile air defense of assigned installations, or areas, against medium- and high-altitude hostile aerial targets.

Assignment. Normally assigned to an independent corps or a field army. May function as a separate battalion or be attached to an air defense artillery group.

Capabilities. a. Provides guided missile air defense of assigned installations, or areas, against medium- and high-altitude hostile aerial targets.

b. Provides medical service, to include emergency medical treatment, operation of battalion aid station, evacuation of casualties to an aid station, and supervision of sanitation.

c. This unit will require engineer support in the preparation of positions for occupancy.

d. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. Off 38 WO 13 EM 644 Agg 695.

Basis of allocation. One or more per defended area as required.

Mobility. a. Twenty-five percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. a. For data concerning vehicles and armament, see table XV.

b. For classified capabilities, see FM 101-10, part III.

44-536T (Tentative) HQ & HQ Btry, ADA Msl Bn, HERC

Mission. To provide command, administration, supply, organizational maintenance, and operational control for the air defense artillery missile battalion, NIKE-HERCULES.

Assignment. Organic to air defense artillery missile battalion, NIKE-HERCULES, TOE 44-535T.

Capabilities. a. Provides command, control, staff planning, and supervision of operations.

b. Provides reconnaissance.

c. Provides communications.

d. Provides supply, administration, and organizational maintenance.

e. Provides supervision of the assembly, testing, and maintenance of missiles at the missile battery launching site.

f. Provides medical service, to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties to an aid station, and supervision of sanitation.

g. Augmentation of the air defense command post section (EM 8) provides personnel and equipment for operation of the battalion air

defense command post, utilizing manual operations equipment.

h. Augmentation of the battalion fire distribution section (EM 8) provides—

(1) Personnel and equipment for operation of the battalion fire distribution section.

(2) For the substitution of functions and personnel of the air defense command post section (g, above).

(3) The air defense artillery missile battalion with the additional facilities for the following:

(a) Continuous collection and evaluation of air defense information and dissemination of intelligence.

(b) Continuous automatic broadcast of externally generated and/or locally generated reference data to subordinate fire units (up to eight).

(c) A fire distribution capability.

i. This unit will require limited engineer support in the preparation of positions for occupancy.

j. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of providing local unit security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. Off 14 WO 5 EM 112 Agg 131.

Basis of allocation. One per air defense artillery missile battalion, NIKE-HERCULES, TOE 44-535T.

Mobility. a. Twenty-five percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. For data concerning vehicles and armament, see table XV.

44-537T (Tentative) ADA Msl Btry, HERC

Mission. To provide the missile launching and fire control components of the air defense artillery missile battalion, NIKE-HERCULES.

Assignment. Organic to the air defense artillery missile battalion, NIKE-HERCULES, TOE 44-535T.

Capabilities. a. Provides delivery of a sustained, deliberate rate of fire from prepared positions against medium- and high-altitude hostile aerial targets.

b. Provides assembly, testing, and maintenance of missiles.

c. Provides storage of basic or prescribed nuclear load of missiles and warheads.

d. Augmentation of the battery fire distribution section (EM 2) provides—

- (1) The missile battery with continuous automatic broadcast of externally generated and/or locally generated reference data.
- (2) Sufficient personnel to operate equipment and to perform first- and second-echelon maintenance.

e. This unit will require engineer support in the preparation of positions for occupancy.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of providing unit local security and may, in conjunction with other forces (or when reinforced by additional military personnel), defend itself and its installations against hostile ground attack.

Strength. Off 6 WO 2 EM 133 Agg 141.

Basis of allocation. Four per air defense artillery missile battalion, NIKE-HERCULES, TOE 44-535T.

Mobility. a. Twenty-five percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. For data concerning vehicles and armament, see table XV.

Table XIV. Air Defense Artillery (Nondivisional) Major Weapons, Vehicles, and Vehicular Equipment

1	1	2	3	4	5	6	7	8	9	10
	Units Item	ADAOD TOE 44-7R	HQ & HQ btry, ADA bde ¹ TOE 44-2D	HQ & HQ btry, ADA gp ² TOE 44-12D	ADA gun bn, 90-mm TOE 44-15D			ADA AW bn, SP TOE 44-85E		
					Total bn ³	HQ & HQ btry ³ TOE 44-16D	4 ADA gun btry, 90-mm (ea) TOE 44-17D	Total bn	HQ & HQ btry TOE 44-86E	4 ADA AW btry, SP (ea) TOE 44-87E
	<i>Weapons</i>									
2	Carbine, cal .30 -----	19	---	---	---	---	---	---	---	---
3	Gun, full-tracked, twin 40-mm, SP -----	---	---	---	---	---	---	(64)	---	16
4	Gun, mach, cal .50, Bng, hv bbl, flex -----	1	5	6	(44)	12	8	(13)	5	2
5	Gun, 90-mm, on mount -----	---	---	---	(16)	---	4	---	---	---
6	Gun, submach, cal .45 -----	9	---	---	---	---	---	---	---	---
7	Launcher, rkt, 3.5-in -----	1	2	3	(23)	7	4	(20)	8	3
8	Pistol, auto, cal .45 -----	1	25	20	(9)	5	1	(11)	7	1
9	Rifle, semiauto, 7.62-mm, lt bbl -----	---	217	221	(671)	147	131	(662)	126	134
10	Rifle, US, cal .30 -----	24	---	---	---	---	---	---	---	---
11	Individual weapons -----	53	242	241	(680)	152	132	(673)	133	135
12	Crew-served weapons -----	2	7	9	(83)	19	16	(97)	13	21
13	Total weapons -----	55	249	250	(763)	171	148	(770)	146	156
	<i>Aircraft</i>									
14	Airplane, obsn, lt -----	---	1	1	---	---	---	---	---	---
15	Hel, obsn -----	---	2	1	---	---	---	---	---	---
16	Total aircraft -----	---	3	2	---	---	---	---	---	---
	<i>Tracked Vehicles</i>									
17	Carrier, twin 40-mm, SP, full-tracked -----	---	---	---	---	---	---	(64)	---	16
18	Tk recovery vehicle, mdm -----	---	---	---	---	---	---	(1)	1	---
19	Trac, full-tracked, high-speed, 18-ton -----	---	---	---	(16)	---	4	---	---	---
20	Trac, full-tracked, low-speed, diesel-driven, 8,600-12,000-lb DBP -----	---	---	---	(4)	---	1	---	---	---
21	Total tracked vehicles -----	---	---	---	(20)	---	5	(65)	1	16
	<i>Wheeled Vehicles</i>									
22	Automobile, sedan, lt -----	---	1	1	---	---	---	---	---	---
23	Trk, util, ¼-ton, 4x4 -----	2	9	7	(20)	8	3	(33)	9	6
24	Trk, amb, fld, ¾-ton, 4x4 -----	---	---	---	(1)	1	---	(1)	1	---

25	Trk, cgo, ¾-ton, 4x4 -----	---	7	8	(13)	5	2	(2)	2	---
26	Trk, cgo, ¾-ton, 4x4, WWN -----	2	---	2	(11)	3	2	(9)	1	2
27	Trk, cgo, 2½-ton, 6x6, LWB -----	3	11	10	(39)	15	6	(12)	4	2
28	Trk, cgo, 2½-ton, 6x6, LWB, WWN -----	2	15	16	(36)	8	7	(15)	7	2
29	Trk, shop van, 2½-ton, 6x6 -----	---	---	---	(1)	1	---	---	---	---
30	Trk, tk, fuel svc, 2½-ton, 6x6 -----	---	---	---	---	---	---	(2)	2	---
31	Trk, trac, 2½-ton, 6x6, LWB -----	---	1	1	---	---	---	---	---	---
32	Trk, cgo, 5-ton, 6x6, LWB -----	---	---	---	---	---	---	(7)	7	---
33	Trk, cgo, 5-ton, 6x6, LWB, WWN -----	---	---	---	(8)	---	2	---	---	---
34	Trk, mdm wkr, 5-ton, 6x6, WWN -----	---	---	---	(1)	1	---	(1)	1	---
35	Trk, trac, 5-ton, 6x6, SWB, WWN -----	---	6	6	---	---	---	---	---	---
36	Total wheeled vehicles -----	9	50	51	(130)	42	22	(82)	34	12
<i>Trailers</i>										
37	Air conditioner, tlr-mtd, 10.7 HP, AC, 200 V, 400 cy, 3 ph, 60,000 BTU -----	---	---	---	(4)	---	1	---	---	---
38	Chassis, tlr, genr, 2½-ton, 2-wheel -----	---	---	---	(10)	2	2	---	---	---
39	Tlr, amph, cgo, ¼-ton, 2-wheel -----	---	9	7	(20)	8	3	(33)	9	6
40	Tlr, cgo, ¼-ton, 2-wheel -----	2	---	---	---	---	---	---	---	---
41	Tlr, cgo, ¾-ton, 2-wheel -----	2	7	9	(20)	8	3	(11)	3	2
42	Tlr, cgo, 1½-ton, 2-wheel -----	4	7	7	(51)	19	8	(20)	12	2
43	Tlr, tk, water, 1½-ton, 2-wheel -----	---	1	1	(6)	2	1	(5)	1	1
44	Tlr, ammo, 1½-ton, 2-wheel -----	---	---	---	---	---	---	(64)	---	16
45	Tlr, fire con van, 2-ton, 4-wheel -----	---	---	---	(4)	---	1	---	---	---
46	Tlr, flat-bed, fire con, 2-ton, 4-wheel -----	---	---	---	(4)	---	1	---	---	---
47	Tlr, fire con mount, 3-ton, 4-wheel -----	---	---	---	(4)	---	1	---	---	---
48	Tlr, low-bed, 8-ton -----	---	---	---	(4)	---	1	---	---	---
49	Total trailers -----	8	24	24	(127)	39	22	(133)	25	27
<i>Major Vehicular Equipment</i>										
50	Bulldozer, earth-moving, hyd tilt, for trac, 8,600-12,000-lb DBP -----	---	---	---	(4)	---	1	---	---	---

¹ Includes avn sec, AD CP plat (manual), radar sec, CRC sec, CP HQ sec (MSL MONITOR), and wpn montrg and radar proc sec (MSL MONITOR) aug.

² Includes AD CP plat (manual), comd and stf spt sec, AD tac op sec, AOC sec, avn sec, radar sec, HAWK msl spt team, CRC sec, CP HQ sec (MSL MONITOR), and wpn montrg and radar proc sec (MSL MONITOR) aug.

³ Includes met sec aug.

Table XV. Air Defense Artillery (Missile) (Nondivisional) Major Weapons, Vehicles, and Vehicular Equipment

1	1	2	3	4	5	6	7	8	9	10	11
	Units Item	ADAOD. MSL MONITOR ¹ TOE 44-57T	ADA msl bn, NIKE-AJAX TOE 44-435E			ADA msl bn, HERC TOE 44-535T			ADA msl bn, HAWK (mbl) TOE 44-235T		
			Total bn ^{2 3}	HQ & HQ btry ² TOE 44-436E	4 ADA msl btry (ea) ³ TOE 44-437E	Total bn ^{2 4}	HQ & HQ btry ² TOE 44-536T	4 ADA msl btry (ea) ⁴ TOE 44-537T	Total bn ^{4 5}	HQ & HQ btry TOE 44-236T	4 ADA msl btry (ea) ⁴ TOE 44-237T
	<i>Weapons</i>										
2	Gun, mach, cal .50, Bng, hv bbl, flex -----	1	(37)	5	8	(37)	5	8	(28)	4	6
3	Launcher-loader, GM/NIKE-AJAX/ -----	---	(36)	---	9	---	---	---	---	---	---
4	Launcher, monorail, GM/HERC/ -----	---	---	---	---	(36)	---	9	---	---	---
5	Launcher, rkt, 3.5-in -----	1	(36)	4	8	(24)	4	5	(20)	4	4
6	Launcher, zero lgth, GM/HAWK/ -----	---	---	---	---	---	---	---	(24)	---	6
7	Pistol, semiauto, cal .45 -----	1	(4)	4	---	(9)	5	1	(9)	5	1
8	Rifle, semiauto, 7.62-mm, lt bbl -----	52	(701)	137	141	(709)	141	142	(526)	130	99
9	Individual weapons -----	53	(705)	141	141	(718)	146	143	(535)	135	100
10	Crew-served weapons -----	2	(109)	9	25	(97)	9	22	(72)	8	16
11	Total weapons -----	55	(814)	150	166	(815)	155	165	(607)	143	116
	<i>Tracked Vehicles</i>										
12	Loader-transporter, GM/HAWKS/ -----	---	---	---	---	---	---	---	(12)	---	3
13	Trac, full-tracked, low-speed, diesel-driven, 8,600-12,000-lb DBP -----	1	---	---	---	---	---	---	---	---	---
14	Trac, full-tracked, low-speed, diesel-driven, mdm DBP -----	---	(4)	---	1	(4)	---	1	---	---	---
15	Total tracked vehicles -----	1	(4)	---	1	(4)	---	1	(12)	---	3
	<i>Wheeled Vehicles</i>										
16	Fftg equip set, trk, GM -----	---	(4)	---	1	---	---	---	---	---	---
17	Trk, GM, test set/HERC/° -----	---	---	---	---	(4)	---	1	---	---	---
18	Trk, util, ¼-ton, 4x4 -----	1	(27)	11	4	(23)	11	3	(17)	9	2
19	Trk, amb, fld, ¾-ton, 4x4 -----	---	(1)	1	---	(1)	1	---	(1)	1	---
20	Trk, cgo, ¾-ton, 4x4 -----	1	(20)	8	3	(20)	8	3	(14)	6	2
21	Trk, cgo, 2½-ton, 6x6, LWB -----	---	(50)	10	10	(21)	9	3	(39)	11	7
22	Trk, cgo, 2½-ton, 6x6, LWB, WWN -----	---	(26)	6	5	(22)	6	4	(28)	4	6
23	Trk, cgo, 2½-ton, 6x6, XLWB, WWN -----	---	---	---	---	---	---	---	(56)	---	14
24	Trk, cgo, 2½-ton, 6x6, with acq ant trans kit -----	---	(20)	---	5	(4)	---	1	---	---	---
25	Trk, tk, fuel svc, 2½-ton, 6x6 -----	---	---	---	---	---	---	---	(1)	1	---

See footnotes at end of table.

26	Trk, tk, gas, 2½-ton, 6x6, with kit segregator	---	(2)	2	---	(2)	2	---	---	---	---
27	Trk, tk, water, 2½-ton, 6x6	---	(2)	2	---	(2)	2	---	---	---	---
28	Trk, trac, 2½-ton, 6x6, SWB	7	---	---	---	---	---	---	---	---	---
29	Trk, wkr, crane, 2½-ton, 6x6, WWN	---	---	---	---	---	---	(4)	---	1	---
30	Trk, cgo, 5-ton, 6x6, LWB	1	(21)	1	5	(65)	1	16	(1)	1	---
31	Trk, mdm wkr, 5-ton, 6x6, WWN	---	(3)	3	---	(3)	3	---	(1)	1	---
32	Trk, trac, wkr, 5-ton, 6x6, XLWB, WWN	---	(4)	---	1	(8)	---	2	---	---	---
33	Total wheeled vehicles	10	(180)	44	34	(175)	43	33	(162)	34	32
<i>Trailers</i>											
34	Air conditioner, tlr-mtd, 10.7 HP, AC, 200 V, 400 cy, 3 ph, 60,000 BTU	---	(12)	---	3	(12)	---	3	---	---	---
35	Ant-rcvr-xmtr gp, msl tracking, tlr-mtd, OA-654/MPA-4/NIKE-AJAX/	---	(4)	---	1	---	---	---	---	---	---
36	Ant-rcvr-xmtr gp, msl tracking, tlr-mtd, OA-1340/MPA/HERC/	---	---	---	---	(4)	---	1	---	---	---
37	Ant-rcvr-xmtr gp, tgt tracking, tlr-mtd, OA-655/MPA-4/NIKE-AJAX/	---	(4)	---	1	---	---	---	---	---	---
38	Ant-rcvr-xmtr gp, tgt tracking, tlr-mtd, OA-1487/MPA/HERC/	---	---	---	---	(4)	---	1	---	---	---
39	Mtry charger, genr set, tlr-mtd, PP-1087/U	---	(4)	---	1	(4)	---	1	---	---	---
40	Chassis, tlr, genr, 1½-ton, 2-wheel	---	---	---	---	(2)	2	---	---	---	---
41	Chassis, tlr, genr, 2½-ton, 2-wheel	---	(36)	---	9	(36)	---	9	(20)	---	5
42	Chassis, tlr, 2-ton, 2-wheel/HAWK/	---	---	---	---	---	---	---	(24)	---	6
43	Director sta, tlr-mtd, AN/MSA-7/NIKE-AJAX/	---	(4)	---	1	---	---	---	---	---	---
44	Director sta, GM, tlr-mtd, AN/MSA-19/HERC/	---	---	---	---	(4)	---	1	---	---	---
45	Electronic shop, tlr-mtd/NIKE-AJAX/	---	(4)	---	1	(4)	---	1	---	---	---
46	Fftg equip set, tlr, GM	---	(4)	---	1	---	---	---	---	---	---
47	Genr set, diesel eng, tlr-mtd, PU-405/G	---	---	---	---	---	---	---	(10)	2	2
48	Genr set, gas eng, tlr-mtd, PU-329/G	---	(8)	---	2	(8)	---	2	---	---	---
49	LC gp, tlr-mtd, OA-867/MSE-2/NIKE-AJAX/	---	(4)	---	1	---	---	---	---	---	---
50	LC sta, GM, tlr-mtd, AN/MSW-4/HERC/	---	---	---	---	(4)	---	1	---	---	---
51	Radar set, CW acq, tlr-mtd/HAWK/	---	---	---	---	---	---	---	(4)	---	1
52	Radar set, CW illuminator, tlr-mtd/HAWK/	---	---	---	---	---	---	---	(8)	---	2
53	Radar set, pulse acq, tlr-mtd/HAWK/	---	---	---	---	---	---	---	(4)	---	1
54	Stlr, low-bed, 15-ton, 4-wheel	---	(4)	---	1	---	---	---	---	---	---
55	Stlr, low-bed, 25-ton, 4-wheel	---	---	---	---	(4)	---	1	---	---	---
56	Tracking sta, tlr-mtd, AN/MPA-4/NIKE-AJAX/	---	(4)	---	1	---	---	---	---	---	---
57	Tracking sta, GM, tlr-mtd, AN/MPA-5/HERC/	---	---	---	---	(4)	---	1	---	---	---
58	Tlr, flat-bed, GM/NIKE-AJAX/	---	(25)	1	6	(56)	---	14	---	---	---
59	Tng device, radar, tgt simulator, tlr-mtd (M33 IFC-NIKE) ^a	---	(1)	1	---	(1)	1	---	---	---	---
60	Tlr, amph, cgo, ¾-ton, 2-wheel	1	(27)	11	4	(23)	11	3	(17)	9	2
61	Tlr, cgo, ¾-ton, 2-wheel	1	(17)	5	3	(17)	5	3	(13)	5	2
62	Tlr, cgo, 1½-ton, 2-wheel	---	(20)	8	3	(16)	8	2	(15)	7	2
63	Tlr, tk, water, 1½-ton, 2-wheel	---	(5)	1	1	(5)	1	1	(5)	1	1

See footnotes at end of table.

Table XV. Air Defense Artillery (Missile) (Nondivisional) Major Weapons, Vehicles, and Vehicular Equipment—Continued

1	1	2	3	4	5	6	7	8	9	10	11
	Units Item	ADAOD, MSL MONITOR ¹ TOE 44-57T	ADA msl bn, NIKE-AJAX TOE 44-435E			ADA msl bn, HERC TOE 44-535T			ADA msl bn, HAWK (mbl) TOE 44-235T		
			Total bn ² ³	HQ & HQ btry ² TOE 44-436E	4 ADA msl btry (ea) ³ TOE 44-437E	Total bn ² ⁴	HQ & HQ btry ² TOE 44-536T	4 ADA msl btry (ea) ⁴ TOE 44-537T	Total bn ² ⁵	HQ & HQ btry TOE 44-236T	4 ADA msl btry (ea) ⁴ TOE 44-237T
	<i>Trailers—Continued</i>										
64	Tlr, low-bed, 8-ton -----	1	---	---	---	---	---	---	---	---	---
65	Total trailers -----	3	(187)	27	40	(208)	28	45	(120)	24	24
	<i>Major Vehicular Equipment</i>										
66	Angledozer, earth-moving, cable, for trac, mdm ----	---	(4)	---	1	---	---	---	---	---	---
67	Bulldozer, earth-moving, cable tilt, for trac, 8,600-12,000-lb DBP -----	1	---	---	---	---	---	---	---	---	---
68	Dolly, tlr converter, 18-ton, 4-wheel -----	---	(4)	---	1	(4)	---	1	---	---	---
69	Loader, scoop-type, diesel-driven, 4-wheel, 2½-cu yd -----	---	---	---	---	---	---	---	(4)	---	1

¹ Includes admin spt sec aug.² Includes bn fire distr sec and AD CP sec aug.³ Includes fltg sec and btry fire distr sec aug.⁴ Includes btry fire distr sec aug.⁵ Includes bn radar sec, bn fire distr sec, and AD CP sec aug.⁶ Developmental item.

Table XVI. Air Defense Artillery Target Detachment Major Weapons, Vehicles, and Target Equipment, TOE 44-8E

1	1	2
	Item	Total det
	<i>Weapons</i>	
2	Pistol, auto, cal .45 -----	1
3	Rifle, semiauto, 7.62-mm, lt bbl -----	14
4	Individual weapons -----	15
5	Crew-served weapons -----	--
6	Total weapons -----	15
	<i>Wheeled Vehicles</i>	
7	Trk, util, ¼-ton, 4x4 -----	1
8	Trk, cgo, ¾-ton, 4x4 -----	2
9	Signal Corps rep shop, trk-mtd, 2½-ton, 6x6 -----	1
10	Trk, cgo, 2½-ton, 6x6, LWB -----	1
11	Total wheeled vehicles -----	5
	<i>Trailers</i>	
12	Genr set, gas eng, tlr-mtd, PU-290/MR -----	1
13	Tlr, amph, cgo, ¼-ton, 2-wheel -----	1
14	Total trailers -----	2
	<i>Target Equipment</i>	
15	Catapult, aerial tgt, powered -----	1
16	Cradle, tgt-hdlg -----	8
17	Launcher, rot, aerial tgt -----	1
18	Multimeter, AN/URM-105 -----	3
19	Oscilloscope, OS-8/U -----	1
20	Protractor, fan, rg deflection, 1 to 25,000 scale, 25,000-meter range -----	1
21	Radiacmeter, IM-93/UD -----	2
22	Radiacmeter, IM-108/PD -----	2
23	Shunt instrument, multirange, MX-1471/U -----	3
24	Stand, univ tgt hdlg -----	4
25	Starter, gas eng, aerial tgt -----	2
26	Tester, rkt ckt, rg 0-30 ohms, scale 0.01 max, 0.005 amps -----	1

PART II

Table XVII. US Army Air Defense Artillery Missile Warhead Support Organization Major Weapons and Vehicles, TOE 44-500T.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Item	Team AA	Team AB	Team DA	Team EA	Team EB	Team FA	Team FB	Team FC	Team GA	Team GB	Team GC	Team GD	Team HA	Team HB	Team HC	Team HD
Weapons																
Pistol, semiauto, cal .45		1											1		1	
Rifle, semiauto, 7.62-mm, lt bbl	3	5	1	5	1	1	2	4	7	1	1	1	1	3		1
Individual weapons	3	6	1	5	1	1	2	4	7	1	1	1	2	3	1	1
Crew-served weapons																
Total weapons	3	6	1	5	1	1	2	4	7	1	1	1	2	3	1	1
Wheeled Vehicles																
Trk, util, ¼-ton, 4x4		1				1							1			
Trk, amb, fld, ¾-ton, 4x4														1		
Trk, cgo, ¾-ton, 4x4	1			2			1		1					1		
Trk, cgo, 2½-ton, 6x6, LWB		1														
Trk, mdm wkr, 5-ton, 6x6, WWN			1													
Total wheeled vehicles	1	2	1	2		1	1		1				1	2		
Trailers																
Tlr, amph, cgo, ¼-ton, 2-wheel		1											1			
Tlr, cgo, ¾-ton, 2-wheel	1			2			1		1					1		
Tlr, cgo, 1½-ton, 2-wheel		1														
Total trailers	1	2		2			1		1				1	1		

Section VII. AIR RECONNAISSANCE SUPPORT BATTALION

51-15C ARSB

Mission. To produce and disseminate all available information and intelligence obtained or developed from tactical air reconnaissance units operating in support of the field army and to provide ground liaison officers to tactical reconnaissance elements of the associated tactical air force.

Assignment. To a field army.

Capabilities. *a.* Interprets, annotates, reproduces, and delivers airphotos obtained by the tactical air force in support of the field army requirement.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 49 WO 1 EM 278 Agg 328.

Basis of allocation. One per field army.

Mobility. See components.

Components. Composed of the following units:

One headquarters and headquarters detachment, TOE 51-16C.

One signal air photo reproduction and delivery company, TOE 11-54D.

One photo interpretation company, TOE 30-79C.

Remarks. For data concerning vehicles and armament, see table XVIII.

51-16C HHD, ARSB

Mission. To provide command, administration, logistical support, and air-ground liaison for the air reconnaissance support battalion, TOE 51-15C; and to coordinate all activities with the Air Force tactical reconnaissance units operating in support of a field army.

Assignment. Organic to air reconnaissance support battalion, TOE 51-15C.

Capabilities. *a.* Provides command, control, and staff supervision for the battalion.

b. Coordinates the operations with those of the reconnaissance elements of the tactical air force.

c. Provides liaison with reconnaissance elements of the tactical air force.

d. Provides administrative and logistical support for the battalion.

e. Provides deployed operations parallel to any dispersion of the tactical reconnaissance wing.

f. Units organized under this TOE are not self-sufficient and will be attached to other elements of the battalion for mess and automotive maintenance support.

Strength. Off 11 WO 1 EM 29 Agg 41.

Basis of allocation. One per air reconnaissance support battalion, TOE 51-15C.

Mobility. Seventy-five percent mobile.

Remarks. For data concerning vehicles and armament, see table XVIII.

Table XVIII. Air Reconnaissance Support Battalion Major Weapons
and Vehicles, TOE 51-15C

1	1	2	3	4	5
	Units Item	Total bn	HHD TOE 51-16C	Sig air photo repro and divr co TOE 11-54D	PI co TOE 80-79C
	<i>Weapons</i>				
2	Carbine, cal .30 -----	226	22	89	115
3	Gun, mach, cal .50, Bng, hv bbl, flex -----	3	1	1	1
4	Gun, submach, cal .45 -----	43	10	8	25
5	Launcher, rkt, 3.5-in -----	3	---	2	1
6	Pistol, auto, cal .45 -----	20	3	16	1
7	Rifle, US, cal .30 -----	39	6	33	---
8	Individual weapons -----	328	41	146	141
9	Crew-served weapons -----	6	1	3	2
10	Total weapons -----	334	42	149	143
	<i>Aircraft</i>				
11	Airplane, obsn, lt -----	11	---	11	---
12	Airplane, util -----	1	---	1	---
13	Total aircraft -----	12	---	12	---
	<i>Wheeled Vehicles</i>				
14	Trk, util, ¼-ton, 4x4 -----	22	9	7	6
15	Trk, cgo, ¼-ton, 4x4 -----	2	1	1	---
16	Trk, cgo, ¾-ton, 4x4, WWN -----	1	---	---	1
17	Trk, cgo, 2½-ton, 6x6 -----	11	2	3	6
18	Trk, cgo, 2½-ton, 6x6 WWN -----	1	---	1	---
19	Trk, shop van, 2½-ton, 6x6 -----	1	---	1	---
20	Trk, tk, gas, 2½-ton, 6x6 -----	1	---	1	---
21	Trk, tk, water, 2½-ton, 6x6 -----	5	---	5	---
22	Trk, van, expansible -----	12	---	---	12
23	Total wheeled vehicles -----	56	12	19	25
	<i>Trailers</i>				
24	Chassis, tlr, genr, hv -----	7	---	7	---
25	Stlr, sup van, 12-ton, 4-wheel -----	8	---	6	2
26	Tlr, amph, cgo, ¼-ton, 2-wheel -----	13	---	7	6
27	Tlr, cgo, ¼-ton, 2-wheel -----	9	9	---	---
28	Tlr, cgo, ¾-ton, 2-wheel -----	3	1	1	1
29	Tlr, cgo, 1½-ton, 2-wheel -----	10	2	3	5
30	Tlr, tk, water, 1½-ton, 2-wheel -----	2	---	1	1
31	Total trailers -----	52	12	25	15

CHAPTER 2

NONDIVISIONAL TECHNICAL AND ADMINISTRATIVE SERVICE UNITS

Certain of the nondivisional technical and administrative service units included in this chapter perform tactical support roles. However, these type units are included here for convenience. Tables of weapons, vehicles, and major vehicular equipment of certain combat support units are included.

Section I. CHEMICAL

3-7D Cml Co, Cmbt Spt

Mission. To provide chemical, biological, and radiological (CBR) direct support for combat units of a corps.

Assignment. Normally assigned to field army and attached to corps.

Capabilities. a. Provides six platoons for corps support.

- (1) Each platoon can provide the following services for a combat division or for corps troops on a continuing basis:
 - (a) Chemical technical intelligence.
 - (b) Direct maintenance support of division organic Chemical Corps equipment.
 - (c) Operation of division chemical distributing point.
 - (d) Servicing of portable flamethrowers.
- (2) Each platoon can provide the following services for a combat division or for corps troops with organic equipment as required on a priority as established by the commander of the supported unit:
 - (a) CBR monitoring, survey, and reconnaissance, to include radiological fallout surveys.
 - (b) Limited decontamination of critical areas and materiel and supervision of unit decontamination; operation of one personnel decontamination station.

- (c) Advise on and supervise field impregnation.
 - (d) Assist in training of division personnel and units in CBR warfare.
- (3) Each platoon can provide the following service for a combat division or for corps troops on priority as established by the commander of the supported unit when issued appropriate equipment on a special basis:
- (a) Production of smoke and fuel support of eight smoke generators.
 - (b) Servicing of portable and/or mechanized flamethrowers and preparation of flame field expedients.
 - (c) Preparation of flame and toxic chemical minefields within capabilities and supervision of other troops in preparing toxic minefields.
- (4) Capabilities in (1), above, can be provided on a continuing basis, but those in (2) and (3), above, will be as directed by the supported commander as necessity dictates.

b. This company is self-sufficient when operating as a unit. In normal operations, the platoons, operating separately, will not be self-sufficient and will be attached to other units for mess. One cook is included in each platoon to augment the mess of the unit to which the platoon is attached.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 WO 1 EM 237 Agg 246.

Basis of allocation. One per corps.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. One chemical combat support platoon from TOE 3-7D and three radiological center teams (LA), TOE 3-500D, provide the composition of the chemical platoon (Off 4 EM 50) which is organic to the US Army missile command (medium), TOE 39-61P. The chemical platoon is normally attached to the service and support group, TOE 29-311P, and provides capabilities similar to those outlined above and in TOE 3-500D (team LA). For data concerning vehicles and armament of the chemical platoon, US Army missile command (medium), see table XII.

3-32E HHD, Cml Gp

Mission. To provide tactical, technical, and administrative command of Chemical Corps units.

Assignment. To field army or theater army logistical command. May be attached to headquarters and headquarters detachment, logistical command B, TOE 54-102D, or headquarters and headquarters company, logistical command C, TOE 54-202D.

Capabilities. a. Provides command, control, staff planning, supervision of operations, and administration of from three to seven Chemical Corps battalions or Chemical Corps units.

b. This unit will be attached to or is dependent on other units for mess, medical, and supplemental motor maintenance.

c. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 11 WO 1 EM 38 Agg 50.

Basis of allocation. One per field army or theater army logistical command.

Mobility. Fifty percent mobile.

3-36E HHD, Cml Bn, Svc

Mission. To provide command, technical, and operational supervision for chemical units.

Assignment. To field army, independent corps, or a theater army logistical command. Normally attached to headquarters and headquarters detachment, logistical command B, TOE 54-102D, or headquarters and headquarters company, logistical command C, TOE 54-202D.

Capabilities. a. Provides command, control, staff planning, and administration for attached units consisting of from three to seven companies.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

c. This unit will be attached to, or is dependent on, other units for messing facilities and motor maintenance.

Strength. Off 6 WO 1 EM 24 Agg 31.

Basis of allocation. One per three to seven companies.

Mobility. Sixty percent mobile.

3-47E Cml Maint Co

Mission. To provide direct, general, and depot support maintenance, organizational repair parts, and related end items of equipment for direct exchange of Chemical Corps materiel with using units in the combat zone or communications zone.

Assignment. To field army, independent corps, or theater army logistical command. May be attached to headquarters and headquarters detachment, chemical battalion, service, TOE 3-36E.

Capabilities. a. Performs direct, general, and depot support maintenance on all Chemical Corps equipment utilized by 100,000 troops.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 3 EM 96 Agg 99.

Basis of allocation. One per field army and 1 per corps; or 1 per 100,000 troops.

Mobility. Ninety percent mobile.

3-67D Cml Dep Co

Mission. a. To receive, classify, store, issue, and ship Chemical Corps munitions and equipment.

b. To fill munitions not normally filled in the zone of interior.

Assignment. To field army or independent corps. May be attached to headquarters and headquarters detachment, chemical battalion, service, TOE 3-36E.

Capabilities. a. Supplies Chemical Corps munitions and equipment for 100,000 troops.

b. Platoons may operate independently.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 WO 1 EM 139 Agg 144.

Basis of allocation. One per corps and 1 per field army; or 1 per 100,000 troops.

Mobility. a. Eighty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

3-77E Cml Proc Co

Mission. a. To provide chemical impregnation and/or reimpregnation of clothing used for protection against CBR agents.

b. *Secondary mission.* To operate as a fixed field laundry.

Assignment. Assigned to a section of the theater army logistical command.

Capabilities. a. Processes approximately 60,000 1½-layer type uniforms per month when operating continuously from fixed installations of the theater army logistical command.

b. The two platoons are capable of separate operations and can operate the plant continuously by operating on a shift basis.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 EM 89 Agg 93.

Basis of allocation. One per 100,000 troops.

Mobility. Ten percent mobile.

3-97D Cml Lab

Mission. a. To provide for theater laboratory examination, evaluation, and identification of materiel, with primary emphasis placed on the chemical, biological (except identification), and radiological warfare aspects.

b. To provide for theater laboratory development of temporary devices and measures for CBR warfare activities.

c. To analyze, within capabilities, chemicals and other items procured in the theater to insure that the contract specifications are satisfied.

Assignment. To theater of operations.

Capabilities. a. Equipped to perform chemical and physical operations pertinent to the performance of its mission.

b. Capable, within personnel and equipment limitations, to conduct studies, experiments, or research projects pertinent to other than CBR warfare materiel, as authorized and directed by the theater commander.

c. This unit will be attached to, or is dependent on, other units for mess, motor maintenance, supplemental transportation, and religious support.

d. Individuals of this unit can fight as infantrymen when required. The unit depends on other organizations for local security of installations against hostile ground attack.

Strength. Off 9 WO 1 EM 42 Agg 52.

Basis of allocation. One or more per theater as required.

Mobility. Thirty percent mobile.

3-117D Cml Dep Co, COMMZ

Mission. To provide administrative and technical personnel for those depot operations pertinent to the receipt, classification, surveillance, storage, and issue of Chemical Corps supplies, ammunition, and equipment in the communications zone.

Assignment. To theater army logistical command; attached as required.

Capabilities. a. When labor personnel are furnished by the quartermaster service troops (TOE 10-67C; TOE 10-500R) or from other

PART II

labor sources, depending on workload imposed by varying stock levels, this unit is capable of receiving, storing, performing surveillance of, and issuing Chemical Corps class II, IV, and V supplies in the communications zone.

b. This unit will be attached to, or is dependent on, other units for medical and religious support and labor sources.

c. Individuals of this unit can fight as infantrymen when required. The unit depends on other organizations for local security of installations against hostile ground attack.

Strength. Off 2 WO 2 EM 70 Agg 74.

Basis of allocation. One per 200,000 total troops or major fraction thereof in the theater.

Mobility. Ninety-five percent mobile.

3-217D Cml Decon Co

Mission. a. To provide decontamination of vital areas, installations, and large quantities of materials.

b. *Secondary mission.* To furnish emergency firefighting and emergency mobile shower service.

Assignment. To theater army logistical command. May be attached to headquarters and headquarters detachment, chemical battalion, service, TOE 3-36E.

Capabilities. a. Provides CBR warfare decontamination service for approximately 100,000 troops.

b. Adaptable for firefighting and mobile shower service.

c. When issued smoke pots, can perform limited camouflaging of service use of smoke.

d. This unit will be attached to, or is dependent on other units for medical and religious support.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 EM 111 Agg 115.

Basis of allocation. Two per theater army logistical command supporting a type field army or 1 per 100,000 troops in the communications zone.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

3-266E HHD, Cml Smoke Genr Bn

Mission. To provide technical and operational supervision and administrative command for chemical smoke generator companies.

Assignment. To field army or theater army logistical command as required.

Capabilities. a. Performs above mission for three to eight companies.

b. This unit will be attached to, or is dependent on, other units for mess, medical, and religious support and supplemental transportation.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strengths. Off 5 WO 1 EM 16 Agg 22.

Basis of allocation. Two per field army.

Mobility. One hundred percent mobile.

3-267E Cml Smoke Genr Co

Mission. a. To provide concealment of troops or installations under all operating conditions by the use of smoke.

b. May be utilized for mixing flame fuel when not engaged in primary mission.

Assignment. To field army and theater army logistical command as required. May be attached to headquarters and headquarters detachment, chemical smoke generator battalion, TOE 3-266E.

Capabilities. a. Blankets an area from 2 to 4 kilometers (1 to 2½ miles) in width and several kilometers in length, depending on weather conditions.

b. Rapid emplacement and displacement.

c. This unit will be attached to, or is dependent on, other units for medical and religious support.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 EM 135 Agg 142.

Basis of allocation. Eight per field army. To theater army logistical command as required.

Mobility. One hundred percent mobile.

Remarks. This unit is equipped with 48 mechanical smoke generators.

3-500D Cml Svc Org

Mission. To examine, evaluate, and identify CBR materiel, including fallout from nuclear weapons; to provide chemical and radiological decontamination, CBR intelligence, and supply and maintenance of Chemical Corps equipment; to perform prediction of fallout from nuclear weapons and maintain plots of contamination; to escort, demilitarize, destroy, or deactivate chemical-filled munitions.

Assignment. Teams may be attached or assigned as required to fixed-strength units or may be organized into service units to perform chemical, technical, and service functions under varying conditions.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and grouping of the teams used. Individual team capabilities are indicated in detailed breakdown of teams.

b. Mess teams and automotive maintenance teams will be drawn from TOE 29-500D. Basis for computation of teams required will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance. Individuals of these units can fight as infantrymen when required.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. As indicated in detailed breakdown of teams.

Mobility. The degree of mobility must be computed for each specific combination of cellular teams and/or composite units to be used.

Part I—Administrative and Headquarters Teams

Teams AA, AB, and AC

Team AA, platoon headquarters, component

Capabilities. Provides command and administrative control of one or more teams.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per 1 or more teams of a strength of not less than 40 individuals which operate as a component of a larger administrative organization.

Team AB, platoon headquarters, separate

Capabilities. Provides command and administrative control of one or more teams which operate separately.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per one or more teams which operate separately. Units will normally be composed of more than 1 team and/or have a strength of not less than 40 individuals.

Team AC, company headquarters

Capabilities. Provides command and administrative control of two or more platoons.

Strength. Off 2 EM 5 Agg 7.

Basis of allocation. One per 2 or more platoons, except that the company strength shall not be less than 100 individuals.

Part 2—Operational Teams, Supply

Teams EA, EB, EC, and ED

Mission. To receive, classify, store, and issue class II, IV, and V chemical supplies and equipment for the number of troops listed below:

Team EA

Capabilities. Can support 5,000 troops.

Strength. EM 12.

Basis of allocation. As required.

Team EB

Capabilities. Can support 5,000 to 10,000 troops.

Strength. WO 1 EM 17 Agg 18.

Basis of allocation. As required.

Team EC

Capabilities. Can support 10,000 to 25,000 troops.

Strength. Off 1 EM 26 Agg 27.

Basis of allocation. As required.

Team ED

Capabilities. Can support 25,000 to 50,000 troops.

Strength. Off 1 EM 36 Agg 37.

Basis of allocation. As required.

Part 3—Operational Teams, Maintenance Teams FA, FB, FC, and FD

Mission. To provide chemical field maintenance support for the number of troops listed below:

Team FA

Capabilities. Can support 5,000 troops.

Strength. EM 17.

Basis of allocation. As required.

Team FB

Capabilities. Can support 5,000 to 10,000 troops.

Strength. EM 20.

Basis of allocation. As required.

Team FC

Capabilities. Can support 10,00 to 25,000 troops.

Strength. Off 1 EM 31 Agg 32.

Basis of allocation. As required.

Team FD

Capabilities. Can support 25,000 to 50,000 troops.

Strength. Off 1 EM 48 Agg 49.

Basis of allocation. As required.

Part 4—Operational Teams, Decontamination Teams HA, HB, and HC

Mission. To decontaminate critical areas and materiel for the number of troops listed below:

Team HA

Capabilities. Can support 5,000 troops.

Strength. EM 8.

Basis of allocation. As required.

Team HB

Capabilities. Can support 5,000 to 10,000 troops.

Strength. Off 1 EM 21 Agg 22.

Basis of allocation. As required.

Team HC

Capabilities. Can support 10,000 to 25,000 troops.

Strength. Off 1 EM 40 Agg 41.

Basis of allocation. As required.

Part 5—Operational Teams, Technical Intelligence

Teams IA and IB

Capabilities. Collect enemy CBR materiel; evaluate its components, use, and effectiveness; and instruct troops in its handling, use, and maintenance when required. Select and expedite the flow of captured enemy CBR materiel and all pertinent reports for intelligence purposes. Locate, evaluate, and exploit those aspects of enemy installations which are pertinent to the design, construction, research, production, or storage responsibilities of Chemical Corps materiel.

Strength. Team IA: Off 3 EM 5 Agg 8.

Team IB: Off 3 EM 7 Agg 10.

Basis of allocation. Assigned to theaters of operation as required by subordinate commands, to assist the special staff chemical officer in the fulfillment of his technical and scientific intelligence responsibilities.

Part 6—Operational Team, Mobile Laboratory Team JA

Capabilities. Provides laboratory examination, evaluation, and identification of equipment and materiel pertinent to chemical warfare. Develops temporary devices and measures for chemical warfare activities. Provides laboratory assistance toward the solution of problems of a chemical nature submitted to the laboratory by the appropriate commander.

Strength. Off 4 EM 13 Agg 17.

Basis of allocation. Two laboratory (mobile) teams are normally assigned to the theater

army logistical command in support of a field army.

Part 7—Operational Teams, Chemical Munitions Safety Control

Team KA, demolition and destruction

Team KB, escort crew

Team KC, safety

Capabilities. a. These three teams or multiples thereof normally form the basic components of a chemical munitions safety control unit and may be augmented when required by appropriate decontamination and supply teams together with the appropriate administrative teams.

b. The demolition and destruction team provides personnel and equipment for the demilitarization, destruction, or deactivation of Chemical Corps munitions and chemical fillings of ordnance-type munitions.

c. The escort crew team provides personnel and equipment necessary to accompany hazardous types of Chemical Corps materiel while in transit by air, land, or sea.

d. The safety team provides personnel qualified to assist and advise when required in the provision and maintenance of safety and security programs at those plants, arsenals, installations, and activities where hazard exists in the manufacture or handling of Chemical Corps munitions and related items.

Strength. Team KA: Off 1 EM 16 Agg 17.
Team KB: Off 1 EM 4 Agg 5.
Team KC: Off 1 EM 2 Agg 3.

Basis of allocation. As required.

Part 8—Fallout Prediction Team

Team LA, radiological center

Capabilities. Operates one radiological center in which weather information is used to prepare expected fallout plots; corrects these predictions as more information becomes available; maintains contamination plots showing change of activity with time. Can augment division, corps, and field army radiological centers or operate a minimum radiological center in rear area operations.

Strength. Off 1 EM 4 Agg 5.

Basis of allocation. As required; three per US Army missile command (medium), TOE 39-61P. See remarks, TOE 3-7D.

3-510T (Tentative) Cml Specd Svc Det

Mission. a. To perform chemical specialized service functions where units of less than company size are required.

b. Detachments of this TOE are specialized. They are the only units provided in chemical service for the performance of their respective missions.

Assignment. Detachments will be attached or assigned, as required, to US Army missile command (medium), TOE 39-61T.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and groupings of the detachments used. Individual detachment capabilities are as indicated in detailed breakdown of detachments.

b. These detachments are not self-sufficient, but will be attached to other units of the US Army missile command (medium), TOE 39-61T, for administration, mess, supply, and motor maintenance.

Strength. As indicated in detailed breakdown of detachments.

Basis of allocation. As indicated in detailed breakdown of detachments.

Part 1—Radiological Monitoring and CBR Decontamination Detachments

Detachment AA, radiological monitoring and CBR decontamination

Capabilities. Provides rapid radiological survey at rate of 15 square kilometers (5 square miles) per 2-hour period on foot, 50 square kilometers (20 square miles) per hour by vehicle, and 1,000 square kilometers (400 square miles) per day when transported by 4 fixed- or rotary-wing aircraft; consolidates results of monitoring efforts of unit monitors; provides toxic chemical detection and identification service; provides third-echelon CBR decontamination of vital areas and equipment for 5,000 to 10,000 troops; supervises and advises on unit decontamination as required;

adaptable for firefighting and mobile shower service; dependent on headquarters and headquarters detachment, service and supply group, US Army missile command (medium), TOE 29-312T, for personnel services, supply, mess, and maintenance for organic vehicles.

Strength. Off 1 EM 21 Agg 22.

Basis of allocation. One per service and supply group, US Army missile command (medium), TOE 29-311T.

Remarks. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

Section II. ENGINEER

5-35P (Proposed) Engr Cmbt Bn, Army or Corps or US Army MSLCOMD (Mdm)

Mission. a. (1) Engineer combat battalion, army or corps. To increase combat effectiveness of corps and field army by means of general engineer work and to reinforce divisional engineers when required.

(2) Engineer combat battalion, US Army missile command (medium). To increase combat effectiveness of US Army missile command (medium) by means of general engineer work and to furnish topographic services.

b. To perform infantry combat missions when required.

Assignment. a. Engineer combat battalion, army or corps. To corps or field army, with normal attachment to engineer combat group.

b. Engineer combat battalion, US Army missile command (medium). To US Army missile command (medium), TOE 39-61P.

Capabilities. a. Engineer combat battalion, army or corps. Same as for TOE 5-35D.

b. Engineer combat battalion, US Army missile command (medium). Same as for TOE 5-35D, with the following additional capabilities:

- (1) Provides topographic liaison with supported forces.
- (2) Provides topographic services, to include map supply, topographic survey, topographic data, target mosaics, and multiplex extension for target location.

Strength. a. When organized as engineer combat battalion, army or corps:

Off 30 WO 3 EM 586 Agg 619.

b. When organized as engineer combat battalion, US Army missile command (medium):
Off 34 WO 6 EM 645 Agg 685.

Basis of allocation. a. Engineer combat battalion, army or corps. Normally 27 per field army.

b. Engineer combat battalion, US Army missile command (medium). One per US Army, missile command (medium), TOE 39-61P.

Mobility. One hundred percent mobile.

Remarks. a. For data concerning vehicles and armament for the engineer combat battalion, US Army missile command (medium), TOE 5-35P, see table XII.

b. Above data are included for planning purposes only and do not reflect final DA approval.

5-35D Engr Cmbt Bn, Army

Mission. a. To increase combat effectiveness of a corps, field army, and missile commands by means of general engineer work and to reinforce division engineers when required.

b. To perform infantry combat missions when required.

Assignment. To corps or field army, with normal attachment to engineer combat group; organic to US Army missile command (medium), TOE 39-61T, less one company, TOE 5-37D.

Capabilities. Provides engineer support as follows:

a. Staff planning and supervision of battalion operations.

b. Engineer reconnaissance and intelligence.

c. Construction, repair, and maintenance of roads, fords, culverts, fixed or floating bridges,

landing strips, command posts, supply installations, shelters, and defensive installations.

d. Preparation and removal of obstacles, including minefields.

e. Preparation and execution of demolitions, including employment of atomic demolition munitions.

f. Installation and operation of field water supply facilities.

g. Construction and placement of deceptive devices.

Strength. Off 30 WO 3 EM 586 Agg 619.

Basis of allocation. Normally 27 per field army; 1 per US Army missile command (medium), TOE 39-61T, less 1 company, TOE 5-37D.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. a. For data concerning vehicles, armament, and major vehicular equipment, see table XIX.

b. For classified data concerning employment of atomic demolition munitions, see FM 101-10, part III.

5-36P (Proposed) HQ & HQ Co, Engr Cmbt Bn, Army or Corps or US Army MSLCOMD (Mdm)

Mission. a. (1) Headquarters and headquarters company, engineer combat battalion, army or corps. Same as for TOE 5-36D.

(2) Headquarters and headquarters company, engineer combat battalion, US Army missile command (medium).

(a) To provide command, staff planning, administration, communications, reconnaissance, supply, supplemental heavy equipment, and medical service for the engineer combat battalion, US Army missile command (medium).

(b) To support the US Army missile command (medium) with topographic services, to include map supply, topographic survey, topographic data, target mosaics, and

multiplex extension for target location.

(c) To provide topographic liaison with supported forces.

b. To perform infantry combat missions when required.

Assignment. a. Headquarters and headquarters company, engineer combat battalion, army or corps. Organic to engineer combat battalion, army or corps, TOE 5-35P.

b. Headquarters and headquarters company, engineer combat battalion, US Army missile command (medium). Organic to engineer combat battalion, US Army missile command (medium), TOE 5-35P.

Capabilities. a. Headquarters and headquarters company, engineer combat battalion, army or corps. Same as for TOE 5-36D below, with the additional capability of preparing and executing demolitions, including employment of atomic demolition munitions.

b. Headquarters and headquarters company, engineer combat battalion, US Army missile command (medium). With the exception of aviation section augmentation, capabilities are the same as for TOE 5-36D, with the following additional capabilities:

- (1) Provides eight survey control points with 48 hours of commencing operations and, if required, an additional eight points within the succeeding 48 hours.
- (2) Stores and issues limited stocks of maps and control data to elements of the US Army missile command (medium).
- (3) Advises the missile command commander on topographic matters.
- (4) Lays semicontrolled mosaic 8 x 10 feet in approximately 20 hours; 130 to 155 square kilometers (50 to 60 square miles), using photography flown at 40,000 feet.
- (5) Lays slatted template or metal arm template control board 8 x 10 feet in approximately 10 hours; 130 to 155 square kilometers (50 to 60 square miles), using photography flown at 40,000 feet.

- (6) Extends control by multiplex bridging with vertical accuracy of ± 20 feet and horizontal accuracy ± 60 feet, with approximate rate of—
 - (a) Eight models—4 hours.
 - (b) Sixteen models—6 hours.
 - (c) Thirty-two models—12 hours.
- (7) Extends control by multiplex cantilever methods.
- (8) Provides limited terrain analysis and evaluation.
- (9) The engineer maintenance and supply platoon augmentation (Off 1 WO 2 EM 40) is attached to the service and support group, TOE 29-311P, to provide engineer field maintenance (third-echelon) support for major items of engineer equipment and to receive and distribute engineer supplies in the US Army missile command (medium).

Strength. a. When organized as headquarters and headquarters company, engineer combat battalion, army or corps:

Off 15 WO 3 EM 139 Agg 157.

b. When organized as headquarters and headquarters company, engineer combat battalion, US Army missile command (medium):

Off 19 WO 6 EM 198 Agg 223.

Basis of allocation. a. Headquarters and headquarters company, engineer combat battalion, army or corps. One per engineer combat battalion, army or corps, TOE 5-35P.

b. Headquarters and headquarters company, engineer combat battalion, US Army missile command (medium). One per engineer combat battalion, US Army missile command (medium), TOE 5-35P.

Mobility. One hundred percent mobile.

Remarks. a. For data concerning vehicles and armament for the headquarters and headquarters company, engineer combat battalion, US Army missile command (medium), TOE 5-36P, see table XII.

b. Above data are included for planning purposes only and do not reflect final DA approval.

5-36D HQ & HQ Co, Engr Cmbt Bn, Army

Mission. a. To provide command, staff planning, administration, communications, reconnaissance, supply, supplemental heavy equipment, and medical service for the engineer combat battalion, army.

b. To perform infantry combat missions when required.

Assignment. Organic to engineer combat battalion, army, TOE 5-35D.

Capabilities. a. Provides staff planning and supervision of battalion operations.

b. Provides engineer supply and service, including four water points.

c. Provides supplemental engineer equipment and organizational maintenance support to combat companies.

d. Performs engineer reconnaissance.

e. Operates battalion communication systems.

f. Performs organizational maintenance of organic equipment.

g. Prepares and executes demolitions, including employment of atomic demolition munitions.

h. When augmented by the aviation section (Off 1 EM 2), sufficient Army aviation support is organic to the battalion.

i. Provides medical service for battalion and attached units, to include emergency medical treatment; operation of a battalion aid station; evacuation of casualties, if practicable; and supervision of sanitation.

Strength. Off 15 WO 3 EM 139 Agg 157.

Basis of allocation. One per engineer combat battalion, army, TOE 5-35D.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-37P (Proposed) Engr Cmbt Co, Army or Corps or US Army MSLCOMD (Mdm)

Mission. a. (1) Engineer combat company, army or corps. To provide an operating component of the engineer combat battalion, army or corps, for per-

formance of engineer work in support of the field army.

- (2) Engineer combat company, US Army missile command (medium). To provide an operating component of the engineer combat battalion, US Army missile command (medium), for performance of engineer work in support of the missile command (medium).

b. To perform infantry combat missions when required.

Assignment. a. Engineer combat company, army or corps. Organic to engineer combat battalion, army or corps, TOE 5-35P.

b. Engineer combat company, US Army missile command (medium). Organic to engineer combat battalion, US Army missile command (medium), TOE 5-35P.

Capabilities. a. Engineer combat company, army or corps. Same as for TOE 5-37D.

b. Engineer combat company, US Army missile command (medium).

- (1) Performs combat engineer missions, to include heavy engineer tasks when reinforced with additional heavy equipment.

- (2) Prepares and executes demolitions, to include employment of atomic demolition munitions.

Strength. When organized as engineer combat company, army or corps; or as engineer combat company, US Army missile command (medium):

Off 5 EM 149 Agg 154.

Basis of allocation. a. Engineer combat company, army or corps. Three per engineer combat battalion, army or corps, TOE 5-35P.

b. Engineer combat company, US Army missile command (medium). Three per engineer combat battalion, US Army missile command (medium), TOE 5-35P.

Mobility. One hundred percent mobile.

Remarks. a. For data concerning vehicles and armament for the engineer combat company, US Army missile command (medium), TOE 5-37P, see table XII.

b. Above data are included for planning

purposes only and do not reflect final DA approval.

5-37D Engr Cmbt Co, Army

Mission. a. To provide an operating component of the engineer combat battalion, army, for performance of engineer work in support of the field army.

b. To perform infantry combat missions when required.

Assignment. Organic to engineer combat battalion, army, TOE 5-35D.

Capabilities. Performs combat engineer missions, to include heavy engineer tasks when reinforced with additional heavy equipment.

Strength. Off 5 EM 149 Agg 154.

Basis of allocation. Three per engineer combat battalion, army, TOE 5-35D.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-38D Engr Cmbt Co, US Army MSLCOMD (Air-Trans)

Mission. a. To provide an operating component for performance of engineer work in support of the US Army missile command (air-transportable).

b. To perform infantry combat missions when required.

Assignment. Organic to US Army missile command (air-transportable), TOE 39-51D.

Capabilities. a. Performs combat engineer missions, to include heavy engineer tasks when reinforced with additional heavy equipment.

b. Purifies up to 1,200 gallons of potable water per hour and provides storage facilities for 9,000 gallons.

c. Fields one topographic survey party to provide second-order survey data for the missile command.

d. Prepares and executes demolitions, to include employment of atomic demolition munitions.

Strength. Off 5 WO 1 EM 172 Agg 178.

Basis of allocation. One per US Army mis-

sile command (air-transportable), TOE 39-51D.

Mobility. One hundred percent mobile and air-transportable.

Remarks. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

5-48D Engr SUPPT Co

Mission. To operate engineer supply points in the corps and field army areas.

Assignment. Normally assigned to field army or independent corps.

Capabilities. a. Receives, stores, and issues engineer supplies (normally class IV).

b. Maintains records of items within its jurisdiction.

c. Supervises military or civilian labor in supply point operations.

d. Provides internal security for supply points.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 3 WO 1 EM 98 Agg 102.

Basis of allocation. Three per field army.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

5-54D Engr LE Co or Engr LE Co, Abn

Mission. a. Engineer light equipment company. To operate and maintain a concentration of construction equipment in support of engineer combat units.

b. Engineer light equipment company, airborne. To operate and maintain a concentration of construction equipment which will provide an engineer capability for construction of airstrips in airheads, and subsequently for support of engineer units within the airhead.

c. To fight as infantry when required.

Assignment. a. Engineer light equipment company. To field army, with normal attachment to headquarters and headquarters company, engineer combat group, TOE 5-192C.

b. Engineer light equipment company, airborne. To field army, with normal assignment to airborne corps.

Capabilities. a. When organized as engineer light equipment company:

(1) Operates in support of three engineer combat battalions, army, engaged in general engineer work.

(2) Provides additional equipment support, when required, for divisional engineers.

(3) Provides two-shift operation of construction equipment.

(4) Provides organizational maintenance of organic equipment.

b. When organized as airborne company:

(1) Can be delivered by parachute and/or assault aircraft in airhead operations.

(2) Provides the basic construction unit for airstrip construction.

(3) Provides additional equipment support for field army engineers when relieved of airstrip construction.

Strength. a. When organized as engineer light equipment company:

Off 5 WO 1 EM 180 Agg 186.

b. When organized as engineer light equipment company, airborne:

Off 6 WO 1 EM 170 Agg 177.

Basis of allocation. a. Engineer light equipment company. One per three engineer combat battalions, army.

b. Engineer light equipment company, airborne. One per airborne corps.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

5-55D Engr Topo Bn, Army

Mission. To provide maps and engineer survey information as required for an army in the field.

Assignment. To field army.

Capabilities. a. Prepares maps, photomaps, sketches, drawings, and related material.

b. Reproduces new and existing maps and other intelligence material.

c. Stores and distributes maps and similar material required by field army troops and corps.

d. Performs topographic surveys and provides survey information required by an army in the field.

e. Prepares engineer intelligence reports as directed.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 18 WO 8 EM 323 Agg 349.

Basis of allocation. One per field army.

Mobility. a. Seventy-five percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Components. Composed of the following units:

One headquarters and headquarters company, TOE 5-56D.

One engineer map reproduction and distribution company, army, TOE 5-57D.

One engineer photomapping company, army, TOE 5-59D.

5-67D Engr WS Co

Mission. To produce and distribute potable water in the field.

Assignment. To field army, theater army logistical command, or similar headquarters.

Capabilities. a. Installs and operates nine separate water purification installations.

b. Purifies and supplies approximately 27,000 gallons of potable water per hour with organic equipment.

c. Can transport 18,000 gallons from source to distributing point in one lift with organic tank trucks and semitrailers.

d. Reconnoiters water sources and plans location and layout of water supply installations.

e. Provides limited rehabilitation and operation of civilian water supply facilities in territory under military control.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capa-

bility of defending itself and its installations against hostile ground attack.

Strength. Off 5 EM 105 Agg 110.

Basis of allocation. One per field army or 1 per 400,000 troops in communications zone.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-77E Engr Pnl Brg Co

Mission. a. To provide technical personnel and equipment to load, maintain, and advise on erection of panel bridging.

b. To carry out missions of a dumptruck company for earth moving and cargo hauling when bridging is immobilized.

Assignment. To field army or separate corps, with attachment to corps and field army engineer combat group.

Capabilities. a. Loads, transports, and maintains one bridge set of components to erect two 80-foot double-truss single-story or one 130-foot double-truss double-story widened-roadway panel-type bridge and bridge erection equipment.

b. Provides technical advice for erection.

c. Erects bridges with organic personnel in an emergency.

d. Provides dumptrucks for earth moving and general-cargo hauling, with approximately 160 tons capacity per lift when bridging is immobilized.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 3 EM 124 Agg 127.

Basis of allocation. Normally one per headquarters and headquarters company, engineer combat group, TOE 5-192C.

Mobility. One hundred percent mobile.

5-78E Engr Fltbrg Co

Mission. a. To provide technical personnel and equipment to load, maintain, transport, and supervise erection of tactical stream-crossing equipment.

PART II

b. Secondary mission. To provide general cargo hauling in emergencies by immobilizing the bridge loads.

Assignment. To field army or separate corps, with normal attachment to engineer combat group.

Capabilities. *a.* Provides approximately 700 feet of M4T6 bridge or five 4-float and five 5-float M4T6 rafts or combinations of bridges and rafts.

b. Provides light stream-crossing equipage—assault boats, footbridges, and light tactical rafts—in support of tactical river-crossing operation.

c. Furnishes technical supervision to assist other engineer units in bridge construction.

d. In emergency, constructs bridges or rafts with organic personnel at a reduced rate.

e. By immobilizing bridging, can provide sixty 5-ton and thirty-five 2½-ton vehicles for cargo hauling.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 WO 1 EM 217 Agg 225.

Basis of allocation. Two per corps and nine additional per field army.

Mobility. *a.* One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. For data concerning vehicles, armament, and major vehicular and bridging equipment, see table XX.

5-96D HHD, Engr Cam Bn

Mission. To provide an administrative and command headquarters of a flexible battalion to plan, supervise, and inspect camouflage work, discipline, and training, including use of deception devices.

Assignment. To theater army logistical command or field army.

Capabilities. *a.* Provides command, staff planning, and supplemental technical skills and equipment for the camouflage battalion.

b. Provides personnel and equipment for the

fabrication and maintenance of camouflage and deception devices.

c. Provides camouflage materials to attached or assigned units.

d. Supervises in the theater army logistical command from three to seven assigned camouflage companies.

e. This unit is dependent on one of the attached companies for mess and motor maintenance.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 WO 3 EM 54 Agg 63.

Basis of allocation. One per field army; to theater army logistical command as required.

Mobility. *a.* Eighty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-97E Engr Cam Co

Mission. To plan, supervise, and inspect camouflage installations, including deception devices. To supervise and inspect camouflage discipline and training.

Assignment. To engineer brigade or camouflage battalion of a field army.

Capabilities. *a.* Performs above mission in zone of a field army or similar area.

b. Furnishes instruction teams for camouflage training for units in assigned area.

c. Prepares signs, posters, and other camouflage instruction material.

d. Supplies camouflage materials to units in assigned areas.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 EM 64 Agg 69.

Basis of allocation. One per corps.

Mobility. *a.* Eighty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. TOE 5-97D augments engineer

combat battalion, army, when the engineer battalion is organic to US Army missile command (medium), TOE 39-61T. The organization, mission, capabilities, etc., are similar to TOE 5-97E.

5-114D Engr Const Spt Co

Mission. a. To support engineer construction efforts with specialized equipment and operator personnel.

b. To provide local defense.

Assignment. To field army or theater army logistical command. Normally attached to an engineer construction group.

Capabilities. a. Operates in support of one engineer group engaged in construction efforts involving earthwork and surfacing operations.

b. Furnishes support to other units by attachment of personnel and equipment thereto.

c. Provides personnel and equipment as required for extensive quarrying operations and for bituminous surfacing operation.

d. Performs organizational maintenance on organic ordnance vehicles and organizational and third-echelon maintenance on engineer construction equipment.

Strength. Off 5 WO 1 EM 158 Agg 164.

Basis of allocation. Normally one per engineer construction group.

Mobility. Fifty percent mobile.

5-115D Engr CB

Mission. a. In a theater of operations, to construct and rehabilitate roads, airfields, pipeline systems, structures, and utilities for the Army and the Air Force in the communications zone, rear areas of the combat zone, and in support of airborne and beach operations, and to assist in emergency recovery operations.

b. To defend construction sites during construction.

Assignment. To theater of operations for further assignment to corps, field army, or theater army logistical command. Normally attached to an engineer construction group.

Capabilities. a. With organic units, provides the following:

- (1) Construction or rehabilitation of routes of communications, bridges, and forward tactical and forward cargo airfields and heliports.
- (2) General construction of buildings, structures, and related facilities.
- (3) Construction of pipelines and storage tanks.
- (4) Limited reconstruction of railroads, ports, depots, hospitals, and utilities.
- (5) Limited bituminous paving.
- (6) Organizational and third-echelon maintenance for organic equipment and vehicles, to include major unit replacement.
- (7) Minor protective construction.
- (8) Generation of potable water.
- (9) Sustained operations on a two-shift basis.
- (10) Medical service for the battalion, to include emergency medical treatment; operation of battalion aid station; evacuation of sick and injured personnel, when practicable; and supervision of sanitation in the battalion.

b. When supported by attachment of specialized personnel and equipment, provides the following:

- (1) Large-scale bituminous and portland-cement paving operations.
- (2) Large-scale quarrying and crushing operations.
- (3) Major reconstruction of railroads and railroad bridges.
- (4) Major rehabilitation of ports.
- (5) Major protective construction.

Strength. Off 29 WO 12 EM 850 Agg 891.

Basis of allocation. Two to four per engineer construction group.

Mobility. a. See components below for ground mobility.

b. One hundred percent air-transportable.

Components. Composed of the following units.

One headquarters and headquarters com-

pany, TOE 5-116D (100 percent mobile).

One engineer equipment and maintenance company, TOE 5-117D (90 percent mobile).

Three engineer construction companies, TOE 5-118D (100 percent mobile).

5-124D Engr Dptrk Co

Mission. To operate dumptrucks for movement of bulk materials in support of other engineer units.

Assignment. To field army or theater army logistical command; normally attached to an engineer group.

Capabilities. a. Unit is capable of moving 240 cubic yards of bulk material, such as gravel, dirt, or crushed stone, per trip. The amount of material that this unit can haul in 1 day depends on various factors, such as weather conditions, distance of haul, roadway, material, or loading facilities.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 3 WO 1 EM 104 Agg 108.

Basis of allocation. One per headquarters and headquarters company, engineer combat group, TOE 5-192C; or headquarters and headquarters company, engineer construction group, TOE 5-312R.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-129D Engr Port Const Co

Mission. To perform special engineering work involved in providing port facilities in support of military operations.

Assignment. Normally assigned to theater army logistical command as required. May be assigned to a field army, as required, during the stages of construction and complete rehabilitation of port facilities.

Capabilities. a. Operating in conjunction with other engineer units, performs specialized

tasks in the construction and complete rehabilitation of port facilities.

b. Performs organizational and third-echelon maintenance of organic engineer equipment.

c. Performs two-shift operations.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installation against hostile ground attack.

Strength. Off 7 WO 5 EM 209 Agg 221.

Basis of allocation. Normally one per base logistical command.

Mobility. Fifty percent mobile by vehicle when landing craft, mechanized, and cube barges are excluded. One hundred percent mobile under conditions favoring concurrent land and water movement.

5-167C Engr Topo Co, Corps

Mission. To provide map and survey information in support of corps operations. To fight as infantry when required.

Assignment. To corps.

Capabilities. a. Prepares sketches, drawings, maps, and map substitutes.

b. Reproduces existing maps and other intelligence material.

c. Distributes maps and similar material.

d. Accomplishes surveys as required for topographic mapping and furnishes geodetic control for the use of the field artillery.

Strength. Off 4 WO 3 EM 107 Agg 114.

Basis of allocation. One per corps.

Mobility. a. Ninety-two percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-192C HQ & HQ Co, Engr Cmbt Gp—Abn Engr Cmbt Gp

Mission. To exercise tactical, technical, and administrative command over assigned or attached engineer troops. To fight as infantry when required.

Assignment. a. Engineer combat group. To field army or independent corps.

b. Airborne engineer combat group. To airborne corps.

Capabilities. a. Provides staff planning and supervision of operations of assigned or attached troops.

b. Provides engineer reconnaissance.

c. Supervises and assists in administrative and supply matters.

d. Operates group communication system.

e. Supervises medical service and sanitation within the group.

f. When organized as an airborne group, it can be landed in an airhead by parachute, transport plane, or glider and can provide personnel to plan, lay out, and direct construction, rehabilitation, or expansion of airfields.

Strength. a. When organized as engineer combat group:

Off 16 WO 1 EM 64 Agg 81.

b. When organized as airborne engineer combat group:

Off 21 WO 1 EM 78 Agg 100.

Basis of allocation. a. Engineer combat group. One per three to six engineer combat battalions, TOE 5-35D.

b. Airborne engineer combat group. One per airborne corps.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-214D Engr Co, REDSTONE

Mission. a. To provide the liquid oxygen and carbon dioxide or liquid nitrogen necessary to support the operation of a REDSTONE missile battalion.

b. To provide field maintenance and repair parts support for the mechanical engineer equipment of the REDSTONE missile battalion.

Assignment. Organic to the field artillery missile battalion, REDSTONE, TOE 6-635P.

Capabilities. a. Manufactures liquid oxygen at a sustained rate of 25 tons per day.

b. Stores 134 tons of liquid oxygen in on-plant and mobile storage equipment.

c. Manufactures dry ice at a rate of 2,000

pounds per day when augmented by carbon-dioxide generating section (EM 7) or manufactures liquid nitrogen at a sustained rate of 5,000 pounds per day when augmented by the liquid-nitrogen supply section (EM 5).

d. Provides field maintenance and repair parts support for organic engineer mechanical equipment of the REDSTONE missile battalion.

e. Transports and transfers liquid oxygen and dry ice.

f. This unit requires the carbon-dioxide generating section augmentation until such time that liquid nitrogen can be utilized.

g. This unit requires the liquid-nitrogen supply section augmentation when liquid nitrogen can be utilized.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 WO 3 EM 169 Agg 176.

Basis of allocation. One per field artillery missile battalion, REDSTONE, TOE 6-635P.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. For data concerning vehicles and armament, see table VII.

5-237D Engr Maint Co, DS

Mission. To provide third-echelon maintenance support of engineer equipment in supported units and to furnish repair parts as required.

Assignment. To field army or theater army logistical command. Normally attached to headquarters and headquarters company, engineer maintenance and supply group, TOE 5-262R.

Capabilities. a. Provides third-echelon maintenance support for approximately 2,000 major items of engineer equipment. Can perform third-echelon and limited fourth-echelon maintenance on 1,500 major items of engineer equipment when deployed in a static condition. Major items include equipment such as 1½-kilowatt generators and larger items.

b. Performs evacuation of disabled equipment to rear area maintenance units when repair cannot be accomplished by this company. Performs limited evacuation from using units to the company maintenance sites as dictated by operational situations.

c. Provides engineer repair parts in support of maintenance activities of the company and supported units.

d. Provides technically qualified personnel for inspecting, advising, and instructing using organizations in equipment maintenance practices and procedures.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 5 EM 185 Agg 195.

Basis of allocation. Nine per type field army.

Mobility. This unit is capable of transporting approximately 90 percent of its organic personnel and equipment in one move. Additional transportation support or additional trips by organic vehicles will be required to transport nonorganic equipment on hand for maintenance.

5-262R HQ & HQ Co, Engr Maint and Sup Gp

Mission. To provide an administrative and command headquarters to supervise the operations of a flexible group composed of engineer maintenance and supply personnel and non-engineer service units engaged in receipt, storage, and issue of engineer supplies and equipment; and maintenance, evacuation, reclamation, and salvage of engineer equipment.

Assignment. To field army or theater army logistical command.

Capabilities. a. Commands a group normally composed of from 3 to 7 battalions or approximate equivalent population of from 2,500 to 5,000 attached engineer troops which are engaged in engineer supply and maintenance activities.

b. Provides for the hiring, administration, supervision, and control of approximately 5,000 indigenous laborers or prisoners of war in connection with group operations.

c. Plans, coordinates, inspects, and supervises group operations, to include planning and coordinating selection of sites for engineer maintenance and supply facilities; coordinating transportation of depot supplies and equipment; analyzing group needs for labor, warehousing, equipment, repair facilities, and seeing that these needs are met; and coordinating engineer evacuation, reclamation, and salvage activities.

d. Assists higher headquarters in supply and maintenance planning to meet operational requirements.

e. Performs fiscal and procurement activities in connection with group operations.

f. Implements stock control policies and procedures for the supply of engineer general supplies, equipment, and repair parts governed by operational requirements, critical item lists, stock availability as furnished in stock status reports of subordinate units and other supply agencies, and equipment replacement based on repair capabilities and requirements.

g. Prepares and submits replenishment requisitions for critical items and stock exchange.

h. Maintains statistical control by consolidating, reviewing, and analyzing statistical data pertaining to engineer supply and maintenance activities within the group's jurisdiction.

i. Maintains a record and reporting system pertaining to engineer supplies, equipment, and maintenance within the group's jurisdiction.

j. Supervises unit administration within subordinate units, to include food service, supply, maintenance, personnel requirements, replacements, promotions, awards and decorations, and administrative assistance to its separate companies and detachments which are not attached to a battalion.

Strength. Off 15 WO 8 EM 108 Agg 131.

Basis of allocation. One per three to seven battalions or approximate equivalent.

Mobility. a. Approximately 50 percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-266D HHD, Engr Dep Bn

Mission. To provide an administrative and

command headquarters to supervise the operations of a flexible battalion composed of engineer units engaged in receipt, storage, and issue of engineer supplies and equipment in a field army or theater army logistical command.

Assignment. To theater army logistical command; may be attached to an engineer maintenance and supply group.

Capabilities. *a.* Provides supervision of operations of two or more depot companies, four or more engineer equipment supply teams, other attached equipment supply teams in TOE 5-500C, and attached labor service companies in a theater army logistical command.

b. Plans training and operations and allots tasks, equipment, and facilities to subordinate units.

c. Supervises, coordinates, and inspects supply administration and supply operations of assigned or attached units.

d. Determines transportation requirements and coordinates shipping and transport facilities.

e. Provides battalion supply and operates unit vehicles for the battalion.

f. This unit is dependent on attached companies for messing and automotive maintenance.

g. May fight as infantry when required.

Strength. Off 5 WO 3 EM 38 Agg 46.

Basis of allocation. One per two to four engineer supply or service units.

Mobility. *a.* One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-267D Engr Dep Co

Mission. To operate an engineer depot for the receipt, storage, and issue of engineer general supplies and equipment.

Assignment. To theater army logistical command. Normally attached to an engineer depot battalion or an engineer maintenance and supply group, or may operate as a separate company.

Capabilities. When labor personnel are furnished by TOE 10-67C, or other labor

sources, depending on workloads imposed by varying stock levels, this unit is capable of providing—

a. Receipt, storage, and issue of engineer general supplies and equipment in depot operations in support of a field army, an air force, or a theater army logistical command installation.

b. Maintenance of stock records, locator systems, bin identification systems, voucher registers, and other necessary stock accounting records.

c. Preparation of stock status reports, tonnage reports, and other special reports as required or directed.

d. Preparation of replenishment requisitions to maintain established stock levels.

e. Establishment and adjustment of stock levels under battalion or group supervision.

f. Provision of unit personnel administration, mess, supply, and maintenance for headquarters and headquarters detachment, engineer depot battalion, when attached.

Strength. Off 4 WO 2 EM 195 Agg 201.

Basis of allocation. One per engineer maintenance and supply group in field army; as required in theater army logistical command.

Mobility. *a.* Thirty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-278E Engr Hv Maint Co

Mission. To perform fourth-echelon maintenance of engineer equipment, to overhaul certain components (assemblies and subassemblies) of end items and certain engineer mechanical equipment, as designated by the Department of the Army; and to perform overflow third-echelon maintenance from engineer maintenance companies, direct support.

Assignment. To field army or theater army logistical command. Normally attached to an engineer maintenance and supply group.

Capabilities. *a.* When the work is beyond the technical or physical capabilities of engineer direct support maintenance companies, provides direct support maintenance to three companies as follows:

- (1) Repairs engineer equipment requiring fourth-echelon and overflow third-echelon maintenance and overhauls parts, assemblies, subassemblies, and certain other engineer equipment.
- (2) Repairs and classifies exchanged repairable parts assemblies for use in company maintenance operations and returns to parts stock.
- (3) Tests for serviceability, classifies, and repairs engineer equipment in stock, to be returned to stock, or to be otherwise disposed of.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 WO 5 EM 190 Agg 199.

Basis of allocation. One per three engineer maintenance companies, direct support, TOE 5-237D.

Mobility. Fifty percent mobile for organic equipment and personnel only. Additional support or additional shuttle trips will be required to move nonorganic equipment on hand for maintenance.

5-279D Engr Parts Dep Co

Mission. To operate a repair parts depot to support the maintenance of engineer equipment by receiving, storing, issuing, and shipping engineer repair parts.

Assignment. To field army or theater army logistical command. Normally attached to headquarters and headquarters company, engineer maintenance and supply group, TOE 5-262R.

Capabilities. *a.* Provides engineer equipment repair parts support as follows:

- (1) In the field army, from four to six engineer maintenance companies, direct support, TOE 5-237D.
- (2) In the theater army logistical command, three engineer maintenance companies, direct support, TOE 5-237D, plus one engineer heavy maintenance company, TOE 5-278E.
- (3) Supports approximately 9,000 items of engineer equipment and handles

approximately 1,000 tons of repair parts per month.

b. Provides bulk replenishment parts support for the engineer direct support maintenance companies and other units authorized to stock and distribute parts to engineer equipment users.

c. Provides retail parts support for engineer heavy maintenance companies and other designated units which are not directly supported by the engineer direct support maintenance companies.

d. Performs depot stock control and supply control functions for engineer repair parts.

e. Inspects parts stock levels of supported units to insure the maintenance of realistic stock levels.

f. Maintains repair parts consumption-demand data; accumulates actual or anticipated engineer equipment density in the area to be supported and other pertinent operations data.

g. Provides organizational maintenance for organic equipment.

h. May fight as infantry when required.

Strength. Off 4 WO 2 EM 172 Agg 178.

Basis of allocation. One per engineer maintenance and supply group.

Mobility. *a.* Twenty percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

5-301R HQ & HQ Co, Engr Bde

Mission. To command; to perform operational planning and supervision; and to coordinate activities of engineer construction groups and other assigned or attached units engaged in construction and related work.

Assignment. Normally assigned to theater army logistical command or task force. May be assigned to field army or higher headquarters, especially during the planning and initial stages of an operation requiring considerable engineer effort.

Capabilities. *a.* Provides command and supervision of a force comprising engineer units totaling from 9,000 to 15,000 troops.

b. Plans and directs the engineer effort in the establishment of bases and lines of communications.

c. Reviews brigade supply requirements and supervises procurement and allocation of equipment and materials.

d. Supervises subordinate units' administration, to include mess, supply, organizational maintenance, personnel requirements, allocation of replacements, promotions, awards and decorations; and administration of military justice. Furnishes direct administrative assistance to its separate companies or detachments which are not attached to groups or battalions.

e. Prepares brigade operation plans, project plans, designs, and construction directives for facilities required at military bases; allocates troops, materials, and equipment to projects; and provides direction and technical supervision of units engaged on brigade construction projects.

f. May also serve as control headquarters for a separate task force for a major construction project with a minimum of additional technical personnel.

Strength. Off 29 WO 6 EM 107 Agg 142.

Basis of allocation. Normally one per four to seven engineer groups operating in the communications zone.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-312R HQ & HQ Co, Engr Const Gp

Mission. To plan and coordinate the operations of a group comprising engineer construction battalions and other assigned or attached units engaged in the construction of facilities other than those for signal communications; to provide command of assigned or attached units and supervision of their administration.

Assignment. To field army or engineer brigade in theater army logistical command.

Capabilities. Provides command, control, staff planning, supervision, and administration of from three to seven engineer construction battalions or equivalent assigned or attached engineer troops. Plans and supervises construction or rehabilitation of roads, railways, buildings, bridges, utilities, installations, air-bases, petroleum pipelines, and storage facilities with special training; and major port facilities when augmented by port construction specialists. Prepares progress reports, project plans, and designs. Delegates project assignments to subordinate units and allocates troops, construction materials, and equipment to group projects. Consolidates overall requirements and coordinates supply of equipment and materials for group projects.

Strength. Off 14 WO 3 EM 62 Agg 79.

Basis of allocation. One per three to seven engineer construction battalions or equivalent assigned or attached engineer troops.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-344R Engr Base Map Dep Co

Mission. To provide facilities for storage of maps and related materials used by field armies.

Assignment. Assigned or attached to an engineer base topographic battalion.

Capabilities. a. Provides map stockage sufficient for two field armies.

b. Capable of handling 5,000,000 maps per month.

c. Receives, classifies, and stores maps and related materials.

d. Packages and prepares maps and related materials for shipment to forward depots.

e. Each of the three map storage platoons can operate a theater army logistical command depot.

Strength. Off 2 WO 3 EM 129 Agg 134.

Basis of allocation. One per field army.

Mobility. a. Approximately 60 percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

5-346D HHD, Engr Base Topo Bn

Mission. To provide planning and technical control of a flexible battalion engaged in the

compilation, reproduction, and distribution of military maps.

Assignment. Normally assigned to theater army logistical command or zone of interior.

Capabilities. a. Provides administrative, operational, and technical planning, supervision, and control of two to five engineer companies in any combination of the following units: engineer base map depot company, engineer base reproduction company, engineer base survey company, engineer base photomapping company, and/or topographic or intelligence teams.

b. Provides limited distribution of emergency map supply to combat and combat support units.

c. This unit is dependent on other units for mess.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 WO 3 EM 49 Agg 58.

Basis of allocation. One per theater of operations.

Mobility. Seventy percent mobile.

5-347D Engr Base Repro Co

Mission. To reproduce maps, charts, and allied mapping materials, such as map indexes, trig lists, and gazetteers as required.

Assignment. To theater army logistical command or zone of interior. Normally attached to headquarters and headquarters detachment, engineer base topographic battalion, TOE 5-346D.

Capabilities. a. Provides reproduction capability to one or more field armies in a theater of operations, to a theater army logistical command, or to the zone of interior.

b. Reproduces, in quantity, maps, charts, and overlays, as required, in black and white or multicolor. Maximum size of sheet, 35 x 45 inches.

c. Reproduces 4,000,000 impressions per month, based on orders averaging 20,000 copies of 1 color per run, working 2 shifts per day.

d. Performs organizational maintenance on all mechanical equipment and third-echelon maintenance on engineer photographic and reproduction equipment.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 2 WO 3 EM 118 Agg 123.

Basis of allocation. Normally one per engineer base topographic battalion.

Mobility. Fixed

5-348D Engr Base Sv Co

Mission. To perform field surveys and computations necessary to establish original, or to recover existing, geodetic position control for new mapping and/or map revision; to provide position and azimuth control to surveying elements of the engineer base topographic battalion.

Assignment. To theater army logistical command or zone of interior. Normally assigned to headquarters and headquarters detachment, engineer base topographic battalion, TOE 5-346D.

Capabilities. a. Provides organic topographic surveying to one or more field armies in a theater of operations, to a theater army logistical command, or to the zone of interior.

b. Performs geodetic survey of second- and third-order precision, including leveling and establishment of base lines.

c. Performs topographic surveys, using conventional field methods.

d. Provides necessary control data for compilation of new or revision of existing topographic maps by stereophotogrammetric methods.

e. Operates as a separate company.

f. Accomplishes the following per month by each of the four survey sections:

(1) Third-order survey:

(a) One hundred and fifteen kilometers (70 miles) of traverse.

(b) Two hundred and sixty kilometers (160 miles) of level.

- (c) Establishes 48 triangulation stations.
- (2) Second-order survey:

- (a) One hundred kilometers (60 miles) of traverse.

- (b) Two hundred and ten kilometers (130 miles) of level.

- (c) Establishes 40 triangulation stations.

- g. Completes final office computations.

- h. Performs organizational maintenance on all vehicles and equipment authorized and third-echelon maintenance on surveying equipment.

- i. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 WO 4 EM 155 Agg 165.

Basis of allocation. Normally one per engineer base topographic battalion.

Mobility. Eighty percent mobile.

5-349D Engr Base Photomapping Co

Mission. To provide new and revised map manuscript for the reproduction of multicolored maps.

Assignment. To theater army logistical command or zone of interior. Normally attached to headquarters and headquarters detachment, engineer base topographic battalion, TOE 5-346D.

Capabilities. a. The engineer base photomapping company is designed and equipped—

- (1) To compile new maps from aerial photography, using stereophotogrammetric instruments.
- (2) To prepare controlled mosaics of aerial photographs.
- (3) To accomplish color separation drafting of all map compilations.
- (4) To perform organizational maintenance on all vehicles and equipment authorized and third-echelon maintenance on photomapping equipment.

- b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 WO 3 EM 177 Agg 184.

Basis of allocation. Normally one per engineer base topographic battalion.

Mobility. Fixed.

5-372C HHD, Engr PI Gp

Mission. a. To prepare plans for petroleum handling system and to command and supervise pipeline construction and maintenance units.

- b. Secondly, to prepare plans and to command and supervise the construction, rehabilitation, and installation of water pipeline facilities, semipermanent- or permanent-type heating and air-conditioning facilities and to perform general engineer construction.

Assignment. To theater army logistical command.

Capabilities. Provides the following within a theater of operations:

- a. Preparation of standard plans and specifications for bulk petroleum handling systems.

- b. Command and supervision of from 2,500 to 5,000 pipeline construction personnel.

- c. Planning of training and operations of the engineer pipeline battalions, including assignment of pipeline construction projects to subordinate and attached units and the allocation of equipment and materials to various tasks.

- d. Coordinating and supervising all pipeline construction, rehabilitation, and maintenance tasks assigned to the group.

- e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 11 WO 5 EM 48 Agg 64.

Basis of allocation. One per 2,500 to 5,000 personnel engaged in bulk petroleum handling system construction.

Mobility. Eighty percent mobile.

5-376C HQ, H&S Co, Engr PI Bn

Mission. a. To command, plan, and supervise the construction, rehabilitation, and field maintenance of petroleum distribution and storage facilities.

b. Secondly, to command, plan, and supervise the construction, rehabilitation, and installation of water pipeline facilities, semi-permanent- or permanent-type heating and air-conditioning facilities and to perform general engineer construction.

Assignment. To headquarters and headquarters detachment, engineer pipeline group, TOE 5-372C. May operate as a separate battalion and be assigned to an area command or to an air force.

Capabilities. a. Provides command, control, staff planning, supervision, and administration of from 3 to 5 engineer pipeline companies and up to 500 additional assigned or attached engineer troops.

b. Plans and supervises the construction, rehabilitation, and field maintenance of petroleum pipeline systems, tank farms, and loading and unloading facilities.

c. Prepares project plans, material estimates, and troop and equipment requirements.

d. Assigns projects to units, allocates materials, and coordinates equipment and augmentation requirements.

e. Consolidates construction reports. Prepares progress reports and maintains progress charts.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

g. Medical services required will be obtained by attachment of medical teams from TOE 8-500C, when such medical services are not available locally.

Strength. Off 14 WO 2 EM 70 Agg 86.

Basis of allocation. One per three to five engineer pipeline companies, TOE 5-377C.

Mobility. Eighty percent mobile.

5-377C Engr Pl Co

Mission. a. To construct and rehabilitate petroleum unloading and bulk storage facilities and pipeline systems; to provide partial field maintenance of petroleum pipeline systems.

b. Secondly, to construct, rehabilitate,

and install water pipeline facilities, semi-permanent- or permanent-type heating and air-conditioning facilities, and to perform general engineer construction.

Assignment. To theater of operations. May be assigned or attached to headquarters, headquarters and service company, engineer pipeline battalion, TOE 5-376C.

Capabilities. a. Provides the following facilities within a theater connected with pipeline systems from the construction or rehabilitation of off-shore vessel unloading facilities to the construction of pipeheads in the field army service area:

- (1) Construction and rehabilitation of a petroleum pipeline system and performance of partial field maintenance of the system on a 24-hour basis.
- (2) Installation of tanker unloading facilities, including submarine pipelines at ports and beachheads.
- (3) Erection of bolted steel storage tanks and accomplishment of major repairs thereon.
- (4) Construction and initial testing of military pipelines. This company must be supplemented by other construction troops when the construction or rehabilitation of the pipeline must be completed within a short time or when major structures or earth-moving operations are required.
- (5) Furnishing technical supervision to other units engaged in construction or rehabilitation of bulk petroleum storage facilities and pipelines.
- (6) Under conditions which could be termed average, the company construction rate is approximately 6 to 10 kilometers (4 to 6 miles) per day.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 1 EM 253 Agg 259.

Basis of allocation. As required, based on the construction capability of the unit as shown under capabilities above.

Mobility. Eighty percent mobile.

5-387D Engr Forestry Co

Mission. To conduct logging and sawing operations for production of rough lumber, timbers, and piling and operation of a lumberyard.

Assignment. Normally assigned to theater army logistical command or assigned or attached to an engineer maintenance and supply group.

Capabilities. a. Operates a lumberyard, to include grading, classifying, stacking, issuing of lumber, and maintains records of stocks on hand.

b. Produces 10,000 to 15,000 board feet per day of rough lumber and timbers per platoon.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 EM 142 Agg 146.

Basis of allocation. One per engineer maintenance and supply group in theater army logistical command.

Mobility. Forty percent mobile.

5-500C Engr Svc Org

Mission. a. To perform engineer technical and service operations where units of less than company size are required.

b. To increase the productive capacity of fixed-strength units when increments of less than company size are needed. These teams are designed to provide organizations which differ in size and composition, depending on the tactical and logistical considerations involved.

Assignment. Teams may be attached or assigned as required to fixed-strength units or may be organized into service units to perform engineer technical and service functions under varying conditions.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and grouping of teams.

b. Mess teams and automotive maintenance teams will be drawn from TOE 29-500D. Basis

for computation of teams required will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance.

c. Individuals of these teams can fight as infantrymen when required.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. The allocation of units organized under this TOE will vary with the personnel requirements. Capabilities and allocation are indicated for each team in the detailed breakdown of teams.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used.

Part I—Administrative and Headquarters Teams

Teams AA, AB, AC, and AD

Team AA, platoon headquarters (component)

Capabilities. Provides command and administrative control of two or more service teams.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per 2 or more service teams with a strength of not less than 40 individuals. Not required if commissioned officers are assigned to the teams.

Team AB, platoon headquarters (separate)

Capabilities. Provides command and administrative control of two or more teams not part of a company.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per unit comprising from 40 to 60 individuals. Not required if commissioned officers are assigned to the teams.

Team AC, company headquarters

Capabilities. Provides command and administrative control of two or more service teams.

Strength. Off 2 EM 6 Agg 8.

Basis of allocation. One per unit comprising 2 or more service platoons with an aggregate strength of not less than 120 individuals.

PART II

Team AD, battalion headquarters

Capabilities. Provides command and administrative control of 3 or more service companies or a group of engineer units of company or smaller size with an aggregate strength of approximately 750 to 1,100 individuals; furnishes direct administrative assistance to separate detachments which are not attached to companies.

Strength. Off 5 WO 2 EM 15 Agg 22.

Basis of allocation. One per group of 3 or more service companies or teams with an aggregate strength of 750 to 1,100 individuals.

Part 2—Supply Teams**Teams BA to BH****Team BA, general supply**

Capabilities. Receives, stores, issues, and maintains records of class II and IV supplies for approximately 35,000 troops.

Strength. WO 1 EM 24 Agg 25.

Basis of allocation. Normally augments engineer depot company, TOE 5-267D, and may augment team BB; 1 per special task force up to 35,000 troops.

Team BB, depot operating

Capabilities. Operates a depot for the receipt, storage, and issue of engineer general supplies and equipment and maintains records of class II and IV supplies for approximately 90,000 troops.

Strength. Off 1 WO 1 EM 55 Agg 57.

Basis of allocation. Normally augments engineer depot company, TOE 5-267D; 1 per special task force of from 70,000 to 90,000 troops.

Team BC, equipment supply

Capabilities. Operates a small depot for the receipt, assembly, servicing, issue, and shipment of engineer mechanical and electrical equipment in support of a small task force or base. Provides equipment supply for a force which includes approximately 35,000 troops, including the assembly and initial conditioning of heavy engineer equipment before storage or

issue, and the inspection and minor repair of heavy equipment going into depot stock to insure serviceability while in storage.

Strength. WO 1 EM 31 Agg 32.

Basis of allocation. Augments engineer depot company, TOE 5-267D, and engineer depot battalion; may augment team BB; 1 per special task force up to 35,000 troops.

Team BD, headquarters, engineer supply control office

Capabilities. Provides the administrative personnel to staff a theater engineer supply control office. When augmented by teams BE, BF, BG, and BH, the unit comprises a theater engineer supply control office capable of forecasting general engineer and repair parts supply requirements of a theater of operations to insure maintenance of adequate and realistic stock levels; evaluating stock status reports, tonnage reports, and other special supply reports as required or directed; directing the distribution or relocation of supplies; assembling statistical data pertaining to engineer equipment population and distribution; general engineer and repair parts usage experience; identifying and cataloging locally procured items and other pertinent stock control operations.

Strength. Off 3 WO 1 EM 15 Agg 19.

Basis of allocation. One per theater headquarters.

Team BE, general engineer supply control

Capabilities. Provides the necessary supervisors, analysts, and typists to exercise effective supply control over approximately 10,000 to 11,000 general engineer supply items. Maintains a balanced supply of general engineer items throughout the entire theater of operations. Forecasts requirements and resupply of general engineer items for future operations to insure the receipt and ultimate distribution of necessary supplies at the proper time and place.

Strength. Off 1 WO 1 EM 41 Agg 43.

Basis of allocation. One for control of approximately 10,000 to 11,000 general engineer items.

Team BF, engineer repair parts supply control

Capabilities. Provides the necessary supervisors, analysts, and typists to exercise effective supply control over approximately 8,000 to 10,000 rapid turnover repair parts supply line items. Maintains a balanced supply of repair parts items throughout the entire theater of operations. Forecasts requirements and re-supply of repair parts items for future operations to insure the receipt and ultimate distribution of necessary supplies at the proper time and place.

Strength. Off 1 WO 1 EM 41 Agg 43.

Basis of allocation. One for control of approximately 8,000 to 10,000 rapid turnover repair parts supply line items.

Team BG, distribution (stock control)

Capabilities. Provides the necessary qualified personnel to exercise effective stock control over all general engineer and repair parts items present in or requisitioned for a theater of operations. Works in close coordination with the other teams of the engineer supply control office. Requisitions items from the zone of interior, directs shipments to various storage depots, diverts shipments as necessary, authorizes depot issues, controls shipments in and out of depots in accordance with regulations, and controls the disposal of excess and unserviceable items. Based on data furnished by the theater army engineer, with regard to future operations, prescribes depot missions to insure effective and proper distribution of available supplies.

Strength. Off 1 WO 1 EM 34 Agg 36.

Basis of allocation. One or more as required per theater engineer supply control office.

Team BH, engineer identification and cataloging

Capabilities. Identifies and catalogs repair parts and general engineer items of supply which have been locally procured or which through occurrence or omission have lost their identity. Maintains constant liaison with the theater procurement office and local manufacturers to determine facilities and materials available. Prepares the necessary drawings

and blueprints required when requesting bids from local manufacturers. Subsequent to inspection and acceptance of an item, the team, in coordination with team BG, arranges for shipment of the item to a storage installation.

Strength. Off 3 EM 15 Agg 18.

Basis of allocation. One or more as required per theater engineer supply control office.

Part 3—Maintenance and Parts Teams

Teams EA to EG

Team EA, field maintenance

Capabilities. Provides engineer field maintenance support for approximately 140 major items of engineer construction equipment or 90 vehicle equivalents.

Strength. EM 10.

Basis of allocation. Normally one per special task force requiring a maintenance force of less than a platoon of an engineer direct support maintenance company (or team EB).

Team EB, field maintenance

Capabilities. Provides engineer field maintenance support for approximately 375 major items of engineer construction equipment or 180 vehicle equivalents.

Strength. WO 1 EM 21 Agg 22.

Basis of allocation. Normally one per special task force requiring a force of less than a platoon of an engineer direct support maintenance company or to augment an engineer direct support maintenance company.

Team EC, special equipment maintenance

Capabilities. Provides technically qualified personnel to operate a mobile machine shop for the repair of special engineer equipment, including sniperscopes, mine detectors, odographs, searchlights, and small quantities of other infrared devices, precision instruments, and similar items. Maintains approximately 1,050 sniperscopes, 700 mine detectors, 25 odographs, 6 searchlights, and miscellaneous items.

Strength. EM 8.

Basis of allocation. Normally one per engi-

PART II

neer direct support maintenance company when there is a high concentration of special engineer equipment.

Team ED, parts

Capabilities. Provides parts supply support for 1,500 major items of engineer equipment employed by an engineer force operating in an area which does not require support of larger parts supply units. Stores approximately 50 tons of repair parts or 9,000 line items and can issue approximately 3,000 line items per month.

Strength. WO 1 EM 17 Agg 18.

Basis of allocation. Normally one per special task force or one per engineer maintenance company, direct support, TOE 5-237D; and as required to support engineer parts depot company, TOE 5-279D, and engineer heavy maintenance company, TOE 5-278E.

Team EE, repair parts instructor-adviser

Capabilities. Provides technically qualified personnel for advising, instructing, and rendering assistance to engineer and engineer equipment using units on repair parts problems, such as interpretation of parts supply policies and procedures, procurement, distribution, supply and stock control, storage, utilization, disposition of excesses, and the recovery of reparable parts.

Strength. WO 1 EM 4 Agg 5.

Basis of allocation. To engineer supply control offices or similar organizations and engineer maintenance and supply group, as required.

Team EF, engineer field maintenance (NIKE-semimobile)

Capabilities. Provides qualified personnel and equipment to accomplish third-echelon maintenance support and repair parts supply support for engineer equipment organic to an air defense artillery missile battalion, NIKE-AJAX, TOE 44-435E; and/or air defense artillery missile battalion, NIKE-HERCULES, TOE 44-535T; and the engineer equipment organic to the mobile missile monitor system; or the engineer equipment organic to five air defense artillery gun battalions, 90-mm, TOE 44-15D; may also provide limited fourth-

echelon maintenance support in an emergency situation.

Strength. WO 1 EM 18 Agg 19.

Basis of allocation. One per air defense artillery missile battalion, NIKE-AJAX or -HERCULES, organized under TOE 44-435E or 44-535T; or one per air defense artillery group consisting of from four to five air defense artillery gun battalions, 90-mm, TOE 44-15D, when the required maintenance services are not available from the normal engineer field maintenance support.

Team EG, engineer field maintenance guided missile (CORPORAL)

Capabilities. Provides immediate third-echelon maintenance service for the engineer equipment organic to one field artillery missile battalion, CORPORAL, TOE 6-545E, and attached units. Such service will include detecting, isolating, and rapidly replacing defective engineer equipment engines, chassis assemblies and subassemblies, and selected components and parts; assisting in issuance of repair parts to supported units for organizational maintenance; assembling and reporting, through engineer maintenance channels, required statistical data on supported engineer equipment; inspecting organizational maintenance; performing technical inspection of supported engineer equipment; and furnishing advice on repair parts stock level storage and use for organizational maintenance. This team also has the capability of performing limited fourth-echelon maintenance under emergency conditions only.

Strength. EM 5.

Basis of allocation. One per field artillery missile battalion, CORPORAL, TOE 6-545E.

Part 4—Firefighting Teams

Teams FA, FB, FD, and FE

Team FA, firefighting headquarters

Capabilities. Plans for overall strategic fire defense; controls firefighting teams assigned or attached.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. Normally one per two to

four firefighting teams and one water tank team.

Team FB, fire truck

Capabilities. Establishes organized fire protection and fire prevention programs in areas to which assigned; provides fire protection for areas housing from 5,000 to 10,000 troops, or warehouses and open stockpile storage of 100,000 square feet.

Strength. EM 6.

Basis of allocation. One per post, base, camp, or station housing from 5,000 to 10,000 troops, or warehouse and open storage area of 100,000 square feet.

Team FD, water tank

Capabilities. Transports water for firefighting purposes when insufficient water storage is available.

Strength. EM 2.

Basis of allocation. One per firefighting platoon; additional teams as required.

Team FE, brush fire, truck

Capabilities. This team, with volunteer personnel, will furnish protection against brush or grass fires within its assigned area of operation and, to a limited degree, can also be utilized to combat structural fires.

Strength. EM 2.

Basis of allocation. One per post, base, camp, or station housing up to 5,000 troops, or warehouse and open storage area of 100,000 square feet. Also, one per field artillery missile battery, REDSTONE, TOE 6-637P.

Part 5—Equipment Operating Teams

Teams GB, GD to GK

Team GB, rock crusher

Capabilities. Provides personnel for the operation of 50-tons-per-hour crushing and screening plant.

Strength. EM 4.

Basis of allocation. Normally attached to an engineer construction unit to furnish and operate equipment for production of crushed stone

necessary for accomplishment of engineer construction mission.

Team GD, forestry

Capabilities. Provides personnel and equipment necessary to conduct logging and sawmill operations for the production of rough lumber and timber piling. Produces from 10,000 to 15,000 board feet of rough lumber and timber pilings per day.

Strength. Off 1 EM 42 Agg 43.

Basis of allocation. Normally attached to an engineer forestry company, but may operate independently when the employment of an engineer forestry company is not warranted.

Team GE, well drilling

Capabilities. Provides supervisory personnel and equipment for drilling water wells; installs casings and pumps for wells to supply water to units or stations.

Strength. EM 2.

Basis of allocation. Normally attached to a construction unit which will provide additional personnel necessary for well-drilling operations.

Team GF, water purification

Capabilities. Provides personnel and equipment for purifying up to 3,000 gallons of potable water per hour and storage facilities for 12,000 gallons.

Strength. EM 4.

Basis of allocation. Normally attached to a water supply company, but may operate independently when the employment of a water supply company is not warranted.

Team GG, water purification

Capabilities. Provides supervisory personnel for the operation of a central water plant or a municipal water system. Operates single- or multiple-standard purification units forming a central plant, supporting from 6,000 to 60,000 individuals when augmented by utilities personnel. When augmented by utilities personnel, civilians, and/or prisoners of war, operating personnel can operate a central municipal water system supporting up to 200,000 individuals.

Strength. Off 1 EM 11 Agg 12.

Basis of allocation. Normally one per engineer brigade.

Team GH, water transport

Capabilities. Provides personnel and equipment for short hauls of from approximately 10 to 15 miles to transport water in bulk to dry water points; 4,500 gallons may be transported at one trip. Daily capacity depends on such factors as length of haul, condition of roads, and situation, if in a zone subject to enemy attack.

Strength. EM 8.

Basis of allocation. Normally one per water supply company.

Team GI, gas generating

Capabilities. Provides necessary technically qualified personnel to operate one acetylene generating plant of 750 cubic feet per hour capacity and two oxygen and nitrogen generating plants of 1,000 cubic feet per hour capacity each. Unit operates and maintains machinery to generate acetylene, oxygen, and nitrogen gases, and to store limited quantities of these gases.

Strength. Off 1 EM 25 Agg 26.

Basis of allocation. Normally one attached to the engineer maintenance and supply group.

Team GJ, carbon-dioxide generating

Capabilities. Provides necessary technically qualified personnel for the generating, storage, and transportation of carbon dioxide in gaseous and liquid form and in the form of dry ice. Operates machinery for the generation of hydrogen and carbon dioxide gases and stores limited quantities of these gases.

Strength. Off 1 EM 12 Agg 13.

Basis of allocation. Normally one attached to an engineer maintenance and supply group.

Team GK, quarrying and processing (tentative)

Capabilities. Provides personnel and equipment for the operation of the 225-tons-per-hour crushing-screening and washing plant. Provides necessary personnel and equipment for

drilling and blasting operations required to produce raw stone for crushing.

Strength. Off 1 EM 36 Agg 37.

Basis of allocation. To engineer construction battalion, TOE 5-115D, as required.

Part 6—Construction, Utilities, and Electrical Power Teams

Teams HA to HM, HO

Team HA, headquarters, port construction

Capabilities. Provides technically qualified personnel to augment an engineer staff section or unit for the performance of specialized phases of port planning, such as capacity, layout, site selection, design, material requirements, and special equipment needs.

Strength. Off 2 EM 2 Agg 4.

Basis of allocation. Normally one per engineer group when engaged in major port projects.

Team HB, diving

Capabilities. Provides personnel and equipment to perform marine diving in support of port construction and rehabilitation and other types of engineer construction, including underwater pipelines which may require diving personnel and equipment.

Strength. Off 1 EM 9 Agg 10.

Basis of allocation. Normally one per engineer group when engaged in major port or underwater pipeline projects.

Team HC, welding

Capabilities. Provides technically qualified welders and equipment for attachment to units when the organic personnel and equipment are inadequate.

Strength. EM 4.

Basis of allocation. Normally one per engineer construction group and one per engineer maintenance and supply group.

Team HD, utilities

Capabilities. Provides personnel and equipment for maintenance of utilities at installations up to 2,500 individuals; provides post

engineer service in oversea or theater of operation installations; maintains utilities; and furnishes utilities service and repair, including refrigeration maintenance.

Strength. Off 1 EM 27 Agg 28.

Basis of allocation. Normally 1 per oversea camp, base, depot, or installation up to 2,500 individuals.

Team HE, utilities

Capabilities. Provides personnel and equipment for maintenance of utilities at installations up to 4,000 individuals; provides post engineer service in oversea or theater of operation installations; maintains utilities; and furnishes utilities service and repair, including refrigeration maintenance.

Strength. Off 1 WO 1 EM 44 Agg 46.

Basis of allocation. Normally 1 per oversea camp, base, depot, or installation up to 4,000 individuals.

Team HF, utilities

Capabilities. Provides personnel and equipment for maintenance of utilities at camps, bases, and depots for installations up to 6,000 individuals; provides post engineer service in oversea or theater of operation installations; maintains utilities; and furnishes utilities service and repair, including refrigeration maintenance.

Strength. Off 2 WO 1 EM 52 Agg 55.

Basis of allocation. Normally three in theater army logistical command per supported field army.

Team HG, utilities

Capabilities. Provides personnel and equipment for maintenance of utilities at camps, bases, and depots for installations up to 10,000 individuals; provides post engineer service in oversea or theater of operation installations; maintains utilities; and furnishes utilities service and repair, including refrigeration maintenance.

Strength. Off 3 WO 1 EM 79 Agg 83.

Basis of allocation. Normally one per field army and two in theater army logistical command per supported field army.

Team HH, powerline

Capabilities. Provides technically qualified personnel and tools for the installation of high-voltage electric powerlines and the maintenance of approximately 60 miles of high-voltage electric powerlines.

Strength. Off 1 EM 12 Agg 13.

Basis of allocation. Normally one per two electric power generating plants of 300- to 2,500-kilowatt capacity.

Team HI, powerplant maintenance

Capabilities. Provides technically qualified personnel and equipment for maintenance of electric power generating plants of 300- to 2,500-kilowatt capacity when welding team HC is attached and furnishes supervisory personnel for construction and rehabilitation of such plants.

Strength. WO 1 EM 12 Agg 13.

Basis of allocation. Normally one per two electric power generating plants of 300- to 2,500-kilowatt capacity.

Team HJ, powerplant operating

Capabilities. Provides technically qualified personnel for the operation of electrical powerplants containing from one to three diesel engine-driven generators, capacities of which range from 300 to 2,500 kilowatts.

Strength. Off 1 EM 10 Agg 11.

Basis of allocation. Normally four per engineer brigade in communications zone.

Team HK, foundry

Capabilities. Provides technically qualified personnel for the operation of one set of engineer foundry equipment.

Strength. Off 1 EM 12 Agg 13.

Basis of allocation. Normally one per engineer heavy maintenance company when foundry service is required.

Team HL, engineer floating powerplant

Capabilities. When augmented by one mess team CA and two mess teams CB from TOE 29-500D, is capable of 24-hour operation for

extended periods at full-rated load, providing continuous three-phase, 60-cycle, electric power in quantities up to 34,500 kilowatts at output voltages between 13,800 and 115,000 volts; supplying electric power to civilian or military installations near shore, harbor, or navigable stream at proper voltages by means of variable step-up transformers; supplying electric power to shore inland areas by means of connection to existing transmission lines. Performs routine and emergency maintenance and minor repairs of equipment by assigned personnel. Towing vessel is required to move this ship.

Strength. Off 5 WO 1 EM 60 Agg 66.

Basis of allocation. As required in theater of operations, communications zone, and zone of interior.

Team HM, railway-mounted powerplant

Capabilities. Provides electric power for direct support of our Armed Forces and to meet any critical electrical requirements of civilians in occupied countries; provides sufficient electrical power for military installations, industrial plants, or limited population centers at proper voltages through variable step-up transformers; meets varying foreign and domestic situations of either 50- or 60-cycle current under a wide variety of output voltages; supplies electrical power to areas by means of connection to existing transmission lines; capable of 24-hour operation for extended periods at full-rated load, with powerplant operation to be carried on by assigned personnel; capable of routine and emergency maintenance and minor repairs of equipment by assigned personnel but is not self-propelled, and a towing engine must be furnished.

Strength. Off 2 EM 14 Agg 16.

Basis of allocation. As required in theater of operations.

Team HO, engineer concrete mixing and paving

Capabilities. Provides the personnel and equipment required for the production and placement of concrete and organizational maintenance of organic engineer equipment.

Strength. Off 1 EM 26 Agg 27.

Basis of allocation. To engineer construction

battalion, TOE 5-115D; engineer construction group; engineer combat battalion, army, TOE 5-35D; and similar organizations; or to engineer port construction company, TOE 5-129D, as required.

Part 7—Topographic and Intelligence Teams
Teams IA to IH and IJ to IM

Team IA, survey

Capabilities. Provides technically qualified personnel and equipment for the survey operations of one party.

Strength. EM 14.

Basis of allocation. Normally one per engineer brigade.

Team IB, survey platoon

Capabilities. Provides technically qualified personnel and equipment for three survey parties and limited preparation of map manuscript.

Strength. Off 1 EM 39 Agg 40.

Basis of allocation. Normally attached to engineer base survey company, TOE 5-348D, when mapping operations require additional effort but less than a base survey company. Augments engineer combat battalion, army, when engineer battalion is organic to US Army missile command (medium), TOE 39-61T.

Team IC, photomapping platoon

Capabilities. Provides technically qualified personnel and equipment for the preparation of topographic maps by multiplex methods from aerial photographs.

Strength. Off 1 WO 1 EM 77 Agg 79.

Basis of allocation. Normally attached to engineer base photomapping company, TOE 5-349D, when mapping operations require additional effort but less than a base photomapping company.

Team ID, map reproduction platoon

Capabilities. Provides technically qualified personnel and equipment for the production of maps from original manuscripts and limited quantities of photostats.

Strength. Off 1 WO 1 EM 51 Agg 53.

Basis of allocation. Normally attached to engineer base reproduction company, TOE 5-347D, when mapping operations require additional effort but less than a base reproduction company.

Team IE, map depot platoon

Capabilities. Provides technically qualified personnel and equipment for the receipt, storage, issue, and distribution of maps for a base, field army, or corps headquarters. Platoons can operate as a depot.

Strength. Off 1 EM 39 Agg 40.

Basis of allocation. Normally three per field army topographic battalion for forward depot.

Team IF, relief map making

Capabilities. Provides technically qualified personnel and equipment to construct original terrain models at scales from 1:5,000 through 1:50,000 and produces quantities of plastic reproduction at these scales.

Strength. WO 1 EM 17 Agg 18.

Basis of allocation. Normally one per base topographic battalion.

Team IG, technical intelligence (collection)

Capabilities. Provides technically qualified personnel and equipment for finding, collecting, identifying, photographing, and reporting on elements of engineer technical intelligence, such as foreign engineer materiel (equipment), construction, organization, training tactics, techniques, installations, and fortifications; also illustrating and preparing training aids and instruction in the use of, or counteracting, enemy engineer materiel.

Strength. Off 3 EM 6 Agg 9.

Basis of allocation. Normally one per corps.

Team IH, technical intelligence, research

Capabilities. Provides technically qualified personnel and equipment for collecting, receiving, evaluating, photographing, and reporting on elements of engineer technical intelligence, such as engineer materiel, construction, organization, training, tactics, techniques, installa-

tions, fortifications, and research and development; illustrating and preparing training aids of items of engineer intelligence. Assists with the interrogation of enemy military and civilian personnel for engineer intelligence and coordinates the activities of team IG.

Strength. Off 5 EM 8 Agg 13.

Basis of allocation. Normally one per field army.

Team IJ, geodetic survey

Capabilities. Provides technically qualified personnel for instruction and/or supervision of units engaged in high-order geodetic surveys and computations as required in a theater of operations survey program and as otherwise required in the field army for guided missile support.

Strength. Off 4 WO 1 EM 7 Agg 12.

Basis of allocation. One per theater of operations and normally one per field army when required. Augments engineer combat battalion, army, when engineer battalion is organic to US Army missile command (medium), TOE 39-61T.

Team IK, terrain

Capabilities. Provides technically qualified personnel and equipment for the collection, evaluation, and dissemination of terrain data; the production of terrain studies; and consultant services in military geology and military hydrology.

Strength. Off 6 EM 5 Agg 11.

Basis of allocation. Normally one per field army but may be assigned to a lower level.

Team IL, topographic liaison

Capabilities. a. Provides map program planning and technical supervision of map compilation; surveying and geodetic activities, including supervision, collection, maintenance, and dissemination of survey control data; supervises and coordinates map reproduction, including evaluation of reproduction facilities and planning the employment of such facilities in the map reproduction program; supervises the topographic and map supply program, including operation of map depots and supply

points throughout the command. Maintains liaison with higher headquarters and Allied armies. Supervises non-US indigenous reproduction and mapping agencies used in the program.

b. Transportation will be provided by area motor pools or organization to which attached.

Strength. Off 7 WO 1 EM 9 Agg 17.

Basis of allocation. One per theater, army group, field army headquarters, or base topographic battalion as required.

Team IM, photographic evaluation

Capabilities. Provides technically qualified personnel and equipment for assisting photographic units in accomplishing aerial cartographic photography suitable for the compilation of military topographic maps; also evaluates such photography to determine its suitability for the required purpose.

Strength. WO 1 EM 8 Agg 9.

Basis of allocation. As required; normally attached to headquarters and headquarters detachment, engineer base topographic battalion, TOE 5-346D.

Part 8—Dredge Crews

Teams JA to JE

Team JA, 20-inch cutter pipeline dredge

Capabilities. When augmented by labor personnel from TOE 10-67C, or other available labor sources and a minimum of one mess team CA and one mess team CB from TOE 29-500D, provides personnel for the operation and maintenance of the engineer dredge, nonself-propelled, diesel-powered, 20-inch cutterhead-type pipeline.

Strength. Off 4 WO 6 EM 48 Agg 58.

Basis of allocation. As required.

Team JB, 24-inch cutter pipeline dredge

Capabilities. When augmented by labor personnel from TOE 10-67C, or other available labor sources, and a minimum of one mess team CA and one mess team CB from TOE 29-500D, provides personnel for the operation and maintenance of the engineer dredge, turbine-

powered, 24-inch cutterhead-type, nonself-propelled pipeline.

Strength. Off 3 WO 6 EM 38 Agg 47.

Basis of allocation. As required.

Team JC, 700-cubic yard diesel-electric seagoing hopper dredge

Capabilities. When augmented by a minimum of one mess team CA and one mess team CB from TOE 29-500D, provides personnel for the operation and maintenance of the engineer dredge, seagoing hopper, diesel-electric powered, 700-cubic yard.

Strength. Off 5 WO 4 EM 39 Agg 48.

Basis of allocation. As required.

Team JD, 1,400-cubic yard diesel-electric seagoing hopper dredge

Capabilities. When augmented by a minimum of one mess team CA and one mess team CB from TOE 29-500D, provides personnel for the operation and maintenance of the engineer dredge, seagoing hopper, diesel-electric powered, 1,400-cubic yard.

Strength. Off 8 WO 4 EM 40 Agg 52.

Basis of allocation. As required.

Team JE, 2,700-cubic yard diesel-electric seagoing hopper dredge

Capabilities. When augmented by a minimum of one mess team CA and one mess team CB from TOE 29-500D, provides personnel for the operation and maintenance of the engineer dredge, seagoing hopper, diesel-electric powered, 2,700-cubic yard.

Strength. Off 8 WO 4 EM 44 Agg 56.

Basis of allocation. As required.

5-600P (Proposed) Engr Amph Spt Comd

Mission. To perform combat and combat support functions in offensive and defensive action in the beach or shore area and along the waterbound flank, including the support of additional landings in effecting the expansion of the objective area or in coastal redeployment of combat forces by—

a. Providing, as the basic nucleus for a corps shore party, the command and control elements

for all shore party units and the minimum equipment necessary to carry out the primary mission.

b. Providing, with organic and attached units, assistance to combat units in the passage of water barriers. These operations will include landings on a hostile shore and crossing of major rivers and water barriers.

Assignment. To field army as required for special operations.

Capabilities. a. Provides sufficient balanced shore party teams to support an Army landing force, consisting of one corps in the assault phase of an amphibious operation when reinforced by attachment of engineer combat or construction battalion(s), other support units as required, and Naval beach elements.

b. Provides lift in amphibious vehicles for displacement over water, or short distances overland, of the dismounted combat elements of three reinforced battle groups of one infantry division.

c. Continues inland as an element of the landing force for subsequent water crossings when reinforced by appropriate units of the field army.

d. Releases specialized elements, if required, and performs normal combat engineer missions or infantry-type combat missions.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 165 WO 24 EM 2,933 Agg 3,122.

Basis of allocation. One per corps as required for special operations.

Mobility. See components below.

Remarks. a. For organization chart and data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

b. Above data are included for planning purposes only and do not reflect final DA approval.

5-601P (Proposed) HQ & HQ Co, Engr Amph Spt Comd

Mission. To command, control, and administer the engineer amphibious support command, organic and attached units, and to provide a special staff for assistance in planning amphibious operations, to include landing on a hostile shore and crossing of major rivers and water barriers.

Assignment. Organic to engineer amphibious support command, TOE 5-600P.

Capabilities. a. Provides command, staff planning, administration, control, and supervision of operations of the engineer amphibious support command and its organic and attached units.

b. Provides assistance to a field army or corps commander in staff planning for a joint or unilateral operation.

c. Provides the nucleus for a three-division shore party headquarters.

d. Provides records management, classification, and assignment of personnel for the engineer amphibious support command.

e. Provides mess, organizational maintenance, supply, and motor transport for the engineer amphibious support command headquarters and the headquarters company.

f. Provides aerial reconnaissance for the engineer amphibious support command.

g. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 53 WO 7 EM 143 Agg 203.

Basis of allocation. One per engineer amphibious support command, TOE 5-600P.

Mobility. Eighty percent mobile.

Remarks. a. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

b. Above data are included for planning purposes only and do not reflect final DA approval.

5-605P (Proposed) Svc Spt Bn, Engr Amph Spt Comd

Mission. a. To furnish command and staff for training and operations of the service support battalion.

b. To provide communications, medical and supply services, and maintenance for the engineer amphibious support command.

Assignment. Organic to the engineer amphibious support command, TOE 5-600P.

Capabilities. a. Furnishes staff planning and control for service support functions.

b. Furnishes communications, maintenance, and medical and supply services for engineer amphibious support command and its subordinate units as required.

c. This unit is dependent on headquarters and headquarters company, engineer amphibious support command, TOE 5-601P, for personnel administrative services.

d. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 43 WO 14 EM 928 Agg 985.

Basis of allocation. One per engineer amphibious support command, TOE 5-600P.

Mobility. See components below.

Components. Composed of the following units:

One headquarters and headquarters company, TOE 5-606P (80 percent mobile).

One direct support company, TOE 5-607P (100 percent mobile).

One signal company, TOE 11-608P (90 percent mobile).

One medical company, TOE 8-609P (100 percent mobile).

Remarks. a. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

b. Above data are included for planning purposes only and do not reflect final DA approval.

5-615P (Proposed) Engr Amphibian Equip Bn, Engr Amph Spt Comd

Mission. To provide waterborne tactical mobility for combat elements of Army landing forces and for the engineer amphibious support command and to train other units assigned amphibious missions in joint amphibious or unilateral operations.

Assignment. Organic to the engineer amphibious support command, TOE 5-600P. May also be organized as a separate unit.

Capabilities. a. Provides light armor-protected amphibian mobility for dismounted assault troops and equipment of three reinforced battle groups in joint amphibious or unilateral operations.

b. Provides high mobility in smooth waters, less mobility in rough waters, and limited mobility overland.

c. Provides machinegun fire support in the assault phase of an amphibious operation and in certain operations ashore.

d. Provides self-administration and logistical support, to include organizational maintenance.

e. Provides local security and supplements shore support area defense as required.

f. The unit is dependent on headquarters and headquarters company, engineer amphibious support command, TOE 5-601P, for personnel administrative support.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 27 WO 1 EM 898 Agg 926.

Basis of allocation. One per engineer amphibious support command, TOE 5-600P.

Mobility. One hundred percent mobile.

Components. Composed of the following units:

One headquarters and headquarters company, TOE 5-616P.

Three engineer amphibian equipment companies, TOE 5-617P.

Remarks. a. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

b. Above data are included for planning purposes only and do not reflect final DA approval.

5-625P (Proposed) Engr Amph Bn, Engr Amph Spt Comd

Mission. To provide engineer amphibious combat and support functions within the beach support area and to provide equipment and special skills to train and augment other units assigned amphibious missions in joint amphibious or unilateral missions and major river-crossing operations.

Assignment. Organic to engineer amphibious support command, TOE 5-600P.

Capabilities. a. Provides the nucleus for balanced shore party teams and equipment and, when augmented by engineer combat or construction battalions, supports four divisions of three reinforced battle groups each, simultaneously.

b. Provides engineer amphibious combat support as follows:

- (1) Clearance of the beach support area of natural and manmade obstacles, underwater or on land, and minefields.
- (2) Engineer work in the initial improvement and expansion of the shore support area.
- (3) Reconnaissance within the beach support area.
- (4) Erection of obstacles in the beach support area and in shallow water in defensive operations.
- (5) Local security and capability of organizing the defense in the beach support area.

c. Provides a provisional support group command headquarters, if required.

d. Provides self-administration and logistical support, to include organizational maintenance.

e. Provides helicopter assault support team nucleus for helicopter landing zones within the beach support area.

f. Performs missions of an engineer combat battalion, army, when augmented with appropriate engineer equipment and operators.

g. This unit is dependent on headquarters and headquarters company, engineer amphibious support command, TOE 5-601P, for personnel administrative services.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 42 WO 2 EM 964 Agg 1,008.

Basis of allocation. One per engineer amphibious support command, TOE 5-600P.

Mobility. One hundred percent mobile.

Components. Composed of the following units:

One headquarters and headquarters company, TOE 5-626P.

Four engineer amphibious companies, TOE 5-627P.

Remarks. a. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

b. Above data are included for planning purposes only and do not reflect final DA approval.

Table XIX. Engineer Combat Battalion (Army) Major Weapons, Vehicles,
and Vehicular Equipment, TOE 5-35D

	1	2	3	4
1	Units Item	Total bn ¹	HQ & HQ co ¹ TOE 5-36D	3 cmbt co (ea) TOE 5-37D
	<i>Weapons</i>			
2	Gun, mach, cal .50, Bng, hv bbl, flex -----	18	6	4
3	Gun, mach, 7.62-mm, lt-weight, GP -----	20	2	6
4	Launcher, rkt, 3.5-in -----	34	7	9
5	Pistol, auto-semiauto, cal .45 -----	11	8	1
6	Rifle, selective, auto-semiauto, 7.62-mm, lt bbl -----	604	145	153
7	Individual weapons -----	615	153	154
8	Crew-served weapons -----	72	15	19
9	Total weapons -----	687	168	173
	<i>Aircraft</i>			
10	Hel, obsn -----	1	1	---
11	Total aircraft -----	1	1	---
	<i>Tracked Vehicles</i>			
12	Trac, full-tracked, low-speed, diesel-driven, mdm DBP -----	7	1	2
13	Total tracked vehicles -----	7	1	2
	<i>Wheeled Vehicles</i>			
14	Shop equip, org rep, lt, trk-mtd -----	1	1	---
15	Trk, amb, frontline, ¼-ton, 4x4 -----	1	1	---
16	Trk, util, ¼-ton, 4x4 -----	30	15	5
17	Trk, cgo, ¾-ton, 4x4 -----	22	7	5
18	Trk, cgo, 2½-ton, 6x6, LWB -----	12	6	2
19	Trk, cgo, 2½-ton, 6x6, LWB, WWN -----	3	3	---
20	Trk, dump, 5-ton, 6x6 -----	39	3	² 12
21	Trk, trac, 5-ton, 6x6, SWB, WWN -----	7	1	2
22	Trk, mdm wkr, 5-ton, 6x6, WWN -----	1	1	---
23	Water purification equip set, trk-mtd, diatomite filter -----	4	4	---
24	Total wheeled vehicles -----	120	42	26
	<i>Trailers</i>			
25	Stlr, low-bed, 25-ton, 4-wheel -----	7	1	2
26	Tlr, amph, cgo, ¼-ton, 2-wheel -----	19	13	2
27	Tlr, cgo, ¾-ton, 2-wheel -----	4	4	---
28	Tlr, cgo, 1½-ton, 2-wheel -----	22	10	4
29	Tlr, tk, water, 1½-ton, 2-wheel -----	4	1	1
30	Tlr, util, 2½-ton, 2-wheel -----	36	---	12
31	Tlr, flat-bed, 10-ton -----	2	2	---
32	Welding shop, tlr-mtd -----	1	1	---
33	Total trailers -----	95	32	21
	<i>Major Vehicular Equipment</i>			
34	Angledozer, earth-moving, cable-op, for trac, mdm -----	7	1	2
35	Boom, crane, trk-mtd, 20-ton, 30-ft -----	2	2	---
36	Crane-shovel, basic unit, trk-mtd, 20-ton -----	2	2	---
37	Grader, road, mtz, diesel-driven -----	3	3	---
38	Loader, scoop-type, diesel-driven, 4-wheel, 2½-cu yd -----	3	---	1

¹ Includes avn sec aug.

² With winch.

Table XX. Engineer Float Bridge Company Major Weapons, Vehicles, and Vehicular and Bridging Equipment, TOE 5-78E

1	2	3	4	5	6
Item	Total co	Co HQ	Equip and maint plat	fitbrg plat (ea)	Spt plat
<i>Weapons</i>					
Gun, mach, cal .50, Bng, hv bbl, flex -----	14	---	1	2	3
Launcher, rkt, 3.5-in -----	4	4	---	---	---
Pistol, auto-semiauto, cal .45 -----	1	1	---	---	---
Rifle, selective, semiauto, 7.62-mm, lt bbl -----	224	19	45	26	30
Individual weapons -----	225	20	45	26	30
Crew-served weapons -----	18	4	1	2	3
Total weapons -----	243	24	46	28	33
<i>Tracked Vehicles</i>					
Trac, full-tracked, low-speed, diesel-driven, mdm -----	1	---	1	---	---
Total tracked vehicles -----	1	---	1	---	---
<i>Wheeled Vehicles</i>					
Shop equip, org rep, lt, trk-mtd -----	1	---	1	---	---
Trk, util, ¼-ton, 4x4 -----	8	1	1	1	1
Trk, cgo, ¾-ton, 4x4 -----	2	1	1	---	---
Trk, cgo, 2½-ton, 6x6, LWB -----	39	2	2	3	20
Trk, tk fuel svc, 2½-ton, 6x6 WWN -----	2	---	2	---	---
Trk, mdm wkr, 5-ton, 6x6, WWN -----	1	---	1	---	---
Trk, stake, 5-ton, brg transporting -----	60	---	---	12	---
Trk, trac, 5-ton, 6x6, SWB, WWN -----	2	---	2	---	---
Total wheeled vehicles -----	115	4	10	16	21
<i>Trailers</i>					
Pneumatic tool and compressor outfit, 210 CFM, tlr-mtd -----	2	---	2	---	---
Stlr, rep parts, shop van, 6-ton -----	1	---	1	---	---
Stlr, low-bed, 25-ton, 4-wheel -----	1	---	1	---	---
Tlr, amph, cgo, ¼-ton, 2-wheel -----	8	1	1	1	1
Tlr, cgo, ¾-ton, 2-wheel -----	1	---	1	---	---
Tlr, cgo, 1½-ton, 2-wheel -----	7	1	1	1	---
Tlr, tk, water, 1½-ton, 2-wheel -----	1	1	---	---	---
Tlr, util, basic, 2½-ton, 2-wheel -----	28	---	---	2	18
Welding shop, tlr-mtd, 300-amp -----	1	---	1	---	---
Total trailers -----	50	3	8	4	19
<i>Major Vehicular Equipment</i>					
Angledozer, earth-moving, cable-op, for trac, mdm -----	1	---	1	---	---
Boom, crane, trk-mtd, 20-ton, 30-ft -----	2	---	2	---	---
Crane-shovel, basic unit, trk-mtd, 20-ton -----	2	---	2	---	---
<i>Major Bridging Equipment</i>					
Boat, brg erection, inboard eng, aluminum, gas-driven, 27-ft -----	10	---	---	2	---
Boat, landing, inflation, aslt craft, nylon cloth, 15-man -----	70	---	---	---	70
Boat, recon, pneumatic, 3-man -----	10	---	---	2	---
Bridge erection set, fitbrg, aluminum deck, balk superstructure -----	5	---	---	1	---
Bridge, fitg, foot -----	1	---	---	---	1
Bridge, fitg, highway, aluminum deck, balk superstructure -----	5	---	---	1	---
Bridge, fitg, raft sec, lt, tac -----	6	---	---	---	6
Ferry conversion set, raft, inf-spt -----	6	---	---	---	6
Outboard mtr, gas, 25 BHP -----	24	---	---	---	24

Section III. MEDICAL

8-22C HHD, Med Gp

Mission. To provide technical, operational, and administrative command of attached separate medical units.

Assignment. To field army, independent corps, or theater army logistical command.

Capabilities. Provides command, control, staff planning, and administration for from three to seven separate medical battalions, or the equivalent, composed of nondivisional medical units.

Strength. Off 7 WO 2 EM 23 Agg 32.

Basis of allocation. Normally one per three to seven separate medical battalions, or the equivalent, composed of nondivisional medical units.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. This unit will be replaced by headquarters and headquarters detachment, medical group, TOE 8-122P, when published.

8-57D Med Holding Co

Mission. To provide medical holding facilities and limited medical treatment at patient transfer points, such as airheads, railheads, and ports of embarkation.

Assignment. To field army or theater army logistical command. May be attached to a medical unit or operate under direct control of corps surgeon.

Capabilities. Provides holding facilities for 300 patients. Each holding section can operate separately with capacity of 100 patients.

Strength. Off 8 EM 85 Agg 93.

Basis of allocation. Three per field army and three per theater army logistical command per field army supported.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

8-61T (Tentative) Med Co, Svc and Sup Gp, US Army MSLCOMD (Mdm)

Mission. To provide medical service to the US Army missile command (medium), to include emergency treatment, operation of a treatment facility, evacuation of casualties, and supervision of sanitation and medical supply.

Assignment. Organic to service and supply group, US Army missile command (medium), TOE 29-311T.

Capabilities. Provides medical service for components of the US Army missile command (medium), to include—

a. Short-term hospitalization on an area basis, to include emergency surgical procedure necessary in preparing patients for evacuation.

b. Medical and surgical care for approximately 100 patients when operating as a unit.

c. The establishment of specialized treatment facilities when augmented by professional teams.

Strength. Off 8 WO 1 EM 96 Agg 105.

Basis of allocation. One per service and supply group, US Army missile command (medium), TOE 29-311T.

Mobility. Fifty percent mobile.

Remarks. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

8-64P (Proposed) Med Co, Svc and Spt Gp, US Army MSLCOMD (Mdm)

Mission. To provide medical service to the US Army missile command (medium), to include—

a. Evacuation of casualties.

b. Emergency medical, surgical, and dental treatment.

c. Operation of two treatment sections and one holding section.

d. Instruction and supervision of preventive medicine activities for the missile command.

e. Training and inspection of field sanitation practices and procedures.

f. Planning and supervision of medical supply.

Assignment. Organic to service and support group, US Army missile command (medium), TOE 29-311P.

Capabilities. a. Provides medical service for all units of the missile command, to include—

- (1) Evacuation of casualties from all units within the missile command to appropriate medical facilities.
- (2) Temporary medical care for 80 patients, to include emergency and resuscitative surgery required in preparatory procedures for patient evacuation.

b. Provides emergency dental care for personnel of the missile command.

c. Provides professional guidance for individual and group participation of prophylactic practices for prevention of various diseases.

Strength. Off 12 EM 91 Agg 103.

Basis of allocation. One per service and support group, US Army missile command (medium), TOE 29-311P.

Mobility. Fifty percent mobile.

Remarks. a. For data concerning vehicles and armament, see table XII.

b. Above data are included for planning purposes only and do not reflect final DA approval.

8-122P (Proposed) HHD, Med Gp

Mission. To provide technical, operational, and administrative command functions of attached medical service units.

Assignment. To field army, independent corps, or theater army logistical command.

Capabilities. a. Provides command, control, staff planning, coordination, and administration for attached medical service units.

b. Unit is a control headquarters only, having no organic troop units to perform duties assigned.

c. It is necessary to attach separate medical service troop units of the field army in order to have the medical group capable of action.

d. Unit normally will be dependent on a subordinate attached unit for food service facilities.

e. Unit has no organic medical treatment fa-

cilities; therefore, it obtains dispensary service for personnel of the group from the nearest appropriate medical installation. In many cases, however, the group will have a unit attached which is capable of providing dispensary services, such as a separate medical clearing company.

Strength. Off 13 EM 35 Agg 48.

Basis of allocation. One per three to seven medical service battalions or the equivalent composed of nondivisional medical units. Normally, one medical group is provided for support of each corps of a field army.

Mobility. One hundred percent mobile.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval. When published, this unit will replace headquarters and headquarters detachment, medical group, TOE 8-22C.

8-126D HHD, Med Bn

Mission. To provide command, control, and planning for a medical service battalion (non-divisional), to include logistical support.

Assignment. To field army or theater army logistical command. May be attached to an independent corps or to a task force. Normally attached to headquarters and headquarters detachment, medical group, TOE 8-122P.

Capabilities. a. Provides command, administration, control, and planning for the component units of a nondivisional medical service battalion.

b. Provides logistical support for the component units of a nondivisional medical service battalion.

c. This unit is dependent on one of the battalion companies or other unit for mess facilities. Teams from TOE 29-500D may be requisitioned as required for battalion-level motor maintenance when the total number of wheeled-vehicle mechanics authorized for that purpose are not available in units composing the battalion.

Strength. Off 7 WO 1 EM 30 Agg 38.

Basis of allocation. One per three to seven medical companies or equivalent units.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

8-127D Med Amb Co

Mission. To provide ambulance evacuation of patients.

Assignment. To field army, theater army logistical command, or independent corps. Normally attached to headquarters and headquarters detachment, medical battalion, TOE 8-126D, or may operate independently under the supervision of the appropriate staff medical officer.

Capabilities. a. Provides ambulance evacuation service within the combat and communications zones.

b. Reinforces ambulance evacuation facilities of other medical units.

Strength. Off 4 EM 93 Agg 97.

Basis of allocation. Seven per field army, two per corps, and six per theater army logistical command in support of a field army.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

8-128D Med Clr Co

Mission. a. To receive, sort, and provide emergency or resuscitative treatment for patients until evacuated.

b. To provide definitive treatment for patients with minor illnesses, wounds, or injuries.

Assignment. To field army, independent corps, or theater army logistical command. May be attached to headquarters and headquarters detachment, medical battalion, TOE 8-126D.

Capabilities. a. Provides clearing facilities by operation of three separate platoons, each with a capacity of 80 patients. Under extreme conditions each platoon can, for a limited period of time, care for about 120 patients.

b. Provides a medical convalescent facility.

c. Provides one, two, or three medical holding facilities.

d. Provides supplementation of medical service of combat divisions or hospitals.

e. When augmented by Army medical service professional officer and technical personnel, this unit can operate one to three small specialized medical treatment facilities.

f. This unit is dependent on appropriate teams from TOE 29-500D for additional mess personnel and equipment when operating under conditions listed in a, above, to care for about 120 patients.

Strength. Off 13 EM 112 Agg 125.

Basis of allocation. One per corps, six per field army, two per theater army logistical command in support of a field army.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

8-129D Med Coll Co

Mission. To provide litter-bearer support in the combat zone as required.

Assignment. To field army, independent corps, or theater army logistical command. May be attached to headquarters and headquarters detachment, medical battalion, TOE 8-126D.

Capabilities. Provides four litter-bearer platoons to support and supplement medical units in the field and litter-bearer augmentation to divisional and nondivisional installations in the field army service area.

Strength. Off 5 EM 186 Agg 191.

Basis of allocation. Three per field army and three per theater army logistical command in support of a field army.

Mobility. a. Thirty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

8-137D Med Air Amb Co

Mission. a. To provide aeromedical evacuation of selected patients.

b. To provide emergency movement of medical personnel and accompanying equipment and supplies to meet a critical requirement.

c. To provide around-the-clock delivery of whole blood, biologicals, and medical supplies when there is a critical requirement.

Assignment. To field army, independent corps, or task force as required.

Capabilities. *a.* Provides aeromedical evacuation of critically wounded or otherwise non-transportable casualties to nearest medical unit capable of providing required surgery and medical treatment.

b. Provides pickup of casualties from units in direct support of combat troops, except from an airhead or airborne force objective area that is logistically supported by the US Air Force.

c. Provides augmentation of ground evacuation units when vehicular evacuation is not feasible or is insufficient.

d. Provides expeditious delivery of medical personnel and materiel to meet emergency treatment requirements within the combat zone.

Strength. Off 28 EM 139 Agg 167.

Basis of allocation. One per corps per field army and one per independent corps or task force as required.

Mobility. *a.* One hundred percent mobile.

b. Unit, less organic aircraft, is 100 percent air-transportable in medium transport aircraft.

8-187D Med Dep

Mission. To furnish medical depot support within a theater of operations.

Assignment. To theater army logistical command.

Capabilities. *a.* Receives, classifies, stores, and issues 36 short tons of medical supplies daily in support of 200,000 troops in the communications zone.

b. Provides depot maintenance of medical equipment, including such support to a field army medical depot, and field maintenance support of using organizations in the communications zone.

c. Fabricates and repairs 2,200 pairs of spectacles per month.

d. Distributes 600 pints of whole blood daily to hospitals in the communications zone.

e. When augmented, the unit provides the following additional facilities:

- (1) The first augmentation (Off 2 EM 34) increases the capability by 36 short

tons daily and provides support for a maximum of 400,000 troops. The second augmentation (Off 3 WO 1 EM 58) increases the capability by 72 short tons daily and provides support for a total of 600,000 troops.

- (2) In addition, the first augmentation increases the optical shop capability by 440 pairs of spectacles per month, and the second augmentation increases the optical shop capability by 880 additional pairs of spectacles per month.

f. This unit is dependent on augmentation with labor personnel from indigenous or other labor sources as required by depot workloads.

Strength. Off 8 WO 1 EM 98 Agg 107.

Basis of allocation. One per 200,000 troops in a theater of operations.

Mobility. Fixed.

8-204D PVNTMED Lab, Fld

Mission. To provide facilities for the field study, evaluation, and control of environmental and other factors affecting the health and morale of troops in the field.

Assignment. To field army or theater army logistical command.

Capabilities. *a.* Provides planning, supervision, and limited operation of preventive medicine activities.

b. Provides epidemiological investigation of conditions affecting the health of troops and animals.

c. Performs field surveys and inspections of significant environmental health factors.

d. Evaluates the results of epidemiological investigations and field surveys or inspections.

e. Collects, evaluates, and preserves medical, veterinary, and sanitary data in geographical areas of commitment.

f. Plans and applies measures for the prevention and control of diseases and injuries.

g. Controls militarily significant disease reservoirs in civilian population groups and indigenous animals.

h. Plans and supervises programs for the instruction of troops in personal and organiza-

PART II

tional measures for the preservation of health, including training of unit vector control details.

i. This unit is dependent on other units for the following:

- (1) Augmentation by labor personnel, equipment, and vehicles from prisoner of war, indigenous, or other military sources to effect control of arthropods in geographical areas where insect-vectored diseases are of military significance.
- (2) Administrative and logistical support will be provided through higher command headquarters.

Strength. Off 13 EM 100 Agg 113.

Basis of allocation. One per field army and one per theater army logistical command in support of a field army.

Mobility. One hundred percent mobile.

8-500C Med Svc Org

Mission. a. To perform medical service functions where units of less than company size are required.

b. To increase the capabilities of fixed-strength units when increments of less than company size are needed. These teams are designed to provide organizations which differ in size and composition depending on the tactical, logistical, and professional considerations involved.

c. To provide command and administrative personnel for medical composite units.

Assignment. Teams may be attached or assigned, as required, to fixed-strength units or may be organized into service units to perform medical service requirements under varying conditions.

Capabilities. The capabilities of units organized under this TOE vary with the size and grouping of the teams used. Unless specifically provided for in the basic organization, these teams must be furnished mess, administration, and motor maintenance service. Individual team capabilities are shown below.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. As indicated in detailed breakdown of teams, where appropriate.

Mobility. The degree of mobility must be computed for each specific combination of cellular teams and/or composite units to be used.

Part I—Administrative and Service Teams

Teams AA to AH. These headquarters teams are authorized, subject to Department of the Army approval, to provide command and administrative personnel for medical composite units. The military occupational specialties (MOS) of personnel of headquarters units organized under this TOE are governed by the type of services required; when one type of service predominates, an appropriate number of personnel should have qualifications pertaining to that particular type of service.

Team AA, platoon headquarters, component of company

Capabilities. Controls 2 or more teams of a strength of not less than 40 individuals which operate as a component of a larger administrative organization and to which no officer is organically assigned.

Strength. Off 1 EM 1 Agg 2.

Team AB, platoon headquarters, separate

Capabilities. Controls one or more teams which operate separately and to which no officer is organically assigned. Units will normally be composed of more than 1 team and/or have a strength of not less than 40 individuals.

Strength. Off 1 EM 3 Agg 4.

Team AC, company headquarters

Capabilities. Controls the equivalent of 2 or more platoons, except that company strength shall be not less than 100 individuals.

Strength. Off 1 WO 1 EM 6 Agg 8.

Team AD, battalion headquarters

Capabilities. Controls three to seven companies.

Strength. Off 4 WO 2 EM 12 Agg 18.

Team AE, headquarters, unit receiving center

Capabilities. Provides overhead for the administration and control of nondivisional medi-

cal units withdrawn for reorganization, held in reserve, or those arriving from CONUS and awaiting assignment to sites where the missions of the units will be performed. Normally assigned to theater army logistical command.

Strength. Off 4 EM 9 Agg 13.

Basis of allocation. Determined by the specific requirements of a theater of operations, to include one per port of entry designated for medical troop units.

Team AF, headquarters, veterinary service

Capabilities. Provides control for three or more veterinary food inspection teams not to exceed a total of seven such units. May be assigned to a field army, theater army logistical command, separate task force, corps, or independent operational area, on a basis of one per three to seven veterinary food inspection teams.

Strength. Off 1 WO 1 EM 2 Agg 4.

Team AG, headquarters, professional service

Capabilities. Controls 24 or more medical professional service teams. Normally assigned to field army or theater army logistical command on a basis of 1 per 24 professional service teams.

Strength. Off 4 ANC 1 EM 9 Agg 14.

Team AH, headquarters, hospital center

Capabilities. Controls two or more general hospitals. Normally assigned to theater army logistical command.

Strength. Off 9 ANC 1 WO 2 EM 24 Agg 36.

Basis of allocation. Three or more per theater army logistical command.

Part 2—Medical Supply, Optical, Maintenance, and Evacuation Teams

Teams FA, FB, FC, GA to GE, and HA

Teams FA, FB, and FC are capable of receiving, storing, and issuing medical supplies either as separate detachments with task forces or as augmentation teams with the existing field army medical service installations as required. When used with a separate task force, they may be allocated as follows:

Team FA, medical supply detachment

One per infantry battle group task force.

Strength. EM 12.

Team FB, medical supply detachment

One when force consists of an infantry brigade task force, but less than an infantry division, reinforced.

Strength. WO 1, EM 17, Agg 18.

Team FC, medical supply detachment

One per infantry division, reinforced.

Strength. Off 1, WO 1, EM 30, Agg 32.

Teams GA and GB, optical detachments

Capabilities. Provide personnel and equipment for repair or replacement of spectacles in a theater of operations. Normally assigned to field army or theater army logistical command medical depots. Team GA normally is augmented by 2 teams GB, and such a unit can serve a force of 160,000 and repair 1,900 pairs of spectacles per month. Team GB provides service for a force of 50,000 and is capable of repairing 200 pairs of spectacles per month.

Strength. Team GA: Off 1 EM 6 Agg 7.

Team GB: EM 2.

Teams GC, GD, and GE, medical equipment maintenance detachments

Capabilities. Perform maintenance on medical equipment in a theater of operations. Teams GC and GD perform field maintenance for forces of 50,000 and 100,000 troops, respectively. Team GE performs base maintenance as required.

Strength. Team GC: Off 1 EM 4 Agg 5.

Team GD: Off 1 EM 8 Agg 9.

Team GE: Off 1 EM 13 Agg 14.

Team HA, ambulance detachment

Capabilities. Provides ambulance service in field army or theater army logistical command to units not otherwise furnished this service.

Strength. EM 14.

Part 3—Veterinary Food Inspection Service Teams

Teams JA and JB

Team JA, veterinary food inspection detachment, small

Capabilities. Provides food inspection service incident to subsistence procurement, shipment, receipt, storage, and issue for small independent operational areas and task forces. Is normally capable of inspecting 100 short tons of subsistence on receipt or at issue per day, or comparable workloads for other classes of supply inspections. Normally operates under the control of team AF in field army or theater army logistical command.

Strength. Off 1 EM 4 Agg 5.

Basis of allocation. One per base installation of 10,000 troops or less in a theater not otherwise provided this service.

Team JB, veterinary food inspection service detachment

Capabilities. Provides veterinary food inspection service in a theater of operations. Normally allocated on a basis of 1 per field army and 1 per 1,000 short tons of subsistence received and issued per day in theater army logistical command (minimum of 1 per theater army logistical command). May be augmented, as required, by team JA.

Strength. Off 11 WO 1 EM 44 Agg 56.

Part 4—Professional Service Teams

Professional service teams may augment any medical installation or unit in a theater of operations requiring additional personnel with specialized training and experience.

Teams KA to KO

Team KA, surgical detachment

Strength. Off 3 ANC 1 EM 3 Agg 7.

Team KB, orthopedic detachment

Strength. Off 3 ANC 1 EM 3 Agg 7.

Team KC, shock detachment

Strength. Off 1 ANC 1 EM 2 Agg 4.

Team KD, maxillo-facial detachment

Strength. Off 3 ANC 1 EM 3 Agg 7.

Team KE, neurosurgical detachment

Strength. Off 3 ANC 1 EM 3 Agg 7.

Team KF, thoracic detachment

Strength. Off 3 ANC 1 EM 3 Agg 7.

Team KG, gas detachment

Capabilities. Provides oxygen therapy for lung-irritant casualties in support of existing medical units.

Strength. Off 1 EM 12 Agg 13.

Basis of allocation. Normally 1 per 75,000 troops, or major fraction thereof; or 4 per field army.

Team KH, X-ray detachment

Capabilities. Performs 100 X-ray examinations per day. An additional generator should be provided units augmented by this team if the power supply is inadequate.

Strength. Off 1 EM 2 Agg 3.

Team KI, dental operating detachment

Capabilities. Provides dental treatment (emergency and operative) for troops in a theater of operations. Normally assigned to field army or theater army logistical command.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per 1,000 troops in isolated areas, and 4 per field army.

Team KJ, dental service detachment

Capabilities. Provides dental treatment (emergency, routine, and prosthetic) for non-divisional troops; assigned to field army and theater army logistical command.

Strength. Off 16 EM 23 Agg 39.

Basis of allocation. One per 15,000 troops, or major fraction thereof, and an additional 5 per field army. May be separated to provide five mobile operative teams, three semimobile operative teams, and one prosthetic team for operating in isolated areas.

Team KK, dental prosthetic detachment, mobile

Capabilities. Provides additional dental prosthetic service for troops in a theater of operations. Normally assigned to field army and theater army logistical command.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per 30,000 nondivisional troops.

Team KL, dental prosthetic detachment, fixed

Capabilities. Provides dental laboratory facilities for troops in a theater of operations. Normally assigned to theater army logistical command.

Strength. Off 2 EM 6 Agg 8.

Basis of allocation. One per 60,000 nondivisional troops.

Team KM, dental clinic, fixed

Capabilities. Provides all types of definitive dental treatment. Assigned to theater army logistical command.

Strength. Off 26 EM 42 Agg 68.

Basis of allocation. One per 200,000 troops or major fraction thereof.

Team KN, central dental laboratory

Capabilities. Provides dental laboratory facilities. Assigned to theater army logistical command.

Strength. Off 3 EM 25 Agg 28.

Basis of allocation. One per 200,000 troops or major fraction thereof.

Team KO, psychiatric detachment

Capabilities. Cares for 200 to 300 patients. Usually augments existing neuropsychiatric treatment facilities. May augment a medical clearing company or other appropriate medical unit in support of combat operations to form a specialized neuropsychiatric treatment facility. In a theater army logistical command, may be authorized as augmentation to hospital centers; general, station, and field hospitals; overseas ports; and replacement depots.

Strength. Off 7 EM 11 Agg 18.

Basis of allocation. One per corps and two per theater army logistical command in support of a field army.

Part 5—Miscellaneous Teams

Teams LA, LB, MA, MB, MC, NA, NB, OA, PA, and QA.

Team LA, preventive medicine control detachment

Capabilities. Provides technical supervisory personnel for the control of disease vectors or reservoirs and related environmental hygiene

functions in a division area, or area of similar size in military population. Assists in training troops in environmental hygiene. Normally assigned to field army.

Strength. Off 1 EM 10 Agg 11.

Basis of allocation. Four per field army. Should be augmented by labor units from civilian, prisoner of war, or troop sources for accomplishment of control measures.

Team LB, preventive medicine survey detachment

Capabilities. Provides professional and technical personnel for the field study, survey, and evaluation of disease vectors and reservoirs and related environmental health problems in an area comparable in size and military population to a corps. Assists in training troops in environmental hygiene. Normally assigned to field army.

Strength. Off 2 EM 9 Agg 11.

Basis of allocation. Two per field army.

Team MA, general dispensary

Capabilities. Provides medical, surgical, and dental dispensary service to troops not otherwise provided primary medical care; services an area with 2,000 to 5,000 troop population. Normally assigned to theater army logistical command.

Strength. Off 6 WO 1 EM 14 Agg 21.

Team MB, general dispensary

Capabilities. Provides complete dispensary care to troops not otherwise provided primary medical care. Services an area with 5,000 to 10,000 troop population. Normally assigned to theater army logistical command.

Strength. Off 11 WO 1 EM 27 Agg 39.

Team MC, dispensary

Capabilities. Provides complete dispensary care for an area with a troop population of 1,500 to 3,000 troops. Normally assigned to theater army logistical command.

Strength. Off 3 EM 14 Agg 17.

Team NA, blood-bank laboratory detachment

Capabilities. Processes and stores 500 pints

PART II

of whole blood daily; can store a maximum of 600 pints of blood; normally supervises and operates in combination with 5 teams NB. Normally assigned to field army and theater army logistical command.

Strength. Off 2 WO 1 EM 13 Agg 16.

Basis of allocation. One per field army and one per theater army logistical command.

Team NB, blood-bank bleeding detachment

Capabilities. Procures from donors and stores a total of 100 pints of whole blood daily. Normally assigned to field army and theater army logistical command.

Strength. Off 1 EM 8 Agg 9.

Basis of allocation. Five per field army and five per theater army logistical command.

Team OA, medical detachment

Capabilities. Provides dispensary service for approximately 1,000 troops not otherwise provided primary medical service. Normally assigned to field army and theater army logistical command.

Strength. Off 1 EM 8 Agg 9.

Basis of allocation. Twenty per field army and 40 per theater army logistical command.

Team PA, medical illustration detachment

Capabilities. Provides facilities for recording and/or illustrating medical procedures, cases, and specimens by the various art and photographic processes; can produce lantern slides, prints, transparencies, and motion pictures in black and white and color. Normally assigned to theater army logistical command.

Strength. Off 1 EM 5 Agg 6.

Basis of allocation. One per theater army logistical command.

Team QA, medical intelligence detachment

Capabilities. Provides for selective collection, initial examination, evaluation, and classification of technical and medico-military information and the dissemination of intelligence derived therefrom. Assists in interrogation of prisoners of war and the evaluation of medical information obtained from prisoners of war or

indigenous sources. Normally assigned to field army or theater army logistical command.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. Three per field army and two per theater army logistical command in support of each field army.

Part 6—Helicopter Ambulance Service Team

Team RA, helicopter ambulance medical detachment

Capabilities. Provides for organizational or field medical evacuation by air of casualties requiring immediate definitive medical treatment. May furnish routine organizational or field evacuation when ground evacuation is not feasible. Capable of air evacuation of seriously wounded casualties from forward medical installations to hospitals or other medical organizations. Normally assigned to field army.

Strength. Off 7 EM 22 Agg 29.

Basis of allocation. Six per field army.

8-510D Fld Hosp

Mission. Normally to provide hospitalization to troops in the theater army logistical command when temporary hospital facilities are required.

Assignment. To theater army logistical command.

Capabilities. a. Provides definitive patient care to troops in the theater army logistical command.

b. Provides a normal bed capacity of 400 beds. May be divided into three 100-bed hospitalization units, each of which is capable of separate, independent operation.

Strength. Off 19 ANC 31 WO 4 EM 159 Agg 213.

Basis of allocation. Four per theater army logistical command in support of each field army.

Mobility. a. Thirty percent mobile.

b. One hundred percent airtransportable in medium transport aircraft.

8-520D Amb Tn, Rail

Mission. To evacuate patients from hospitals

or holding units of the combat zone to the communications zone, between hospitals of the communications zone, and from hospitals to aerial and/or water ports of embarkation.

Assignment. To theater army logistical command.

Capabilities. Provides rail transportation and en route medical care for 180 litter patients, or 144 ambulatory and 44 litter patients.

Strength. Off 3 ANC 5 EM 33 Agg 41.

Basis of allocation. Six per field army.

Mobility. Fixed.

8-551R Gen Hosp, 1,000-Bed, COMMZ

Mission. To perform hospitalization in the communications zone of a definitive and specialized nature, receiving patients from—

a. Station and field hospitals in the communications zone.

b. Medical treatment facilities in the combat zone.

Assignment. To theater army logistical command as required.

Capabilities. a. Holds patients; renders additional specialized treatment and care normally for a period of from 120 to 180 days.

b. Has capacity of 1,000 patients.

Strength. Off 52 ANC and WMSC 111 WO 8 EM 419 Agg 590.

Mobility. Fixed.

8-563E Sta Hosp, 100-Bed

Mission. To provide station-type hospitalization (medical and surgical treatment) and limited outpatient service to an installation or the military population of a specified geographical area.

Assignment. To theater army logistical command or task force as required.

Capabilities. a. Provides hospital facilities for the care and treatment of 100 patients, to include medical and surgical treatment, preparation of patients for further evacuation, and limited outpatient service.

b. May be augmented (Off 1 ANC EM 9) to care for 40 additional patients.

c. This unit will require the addition of teams from TOE 29-500D for mess when patient capacity has been increased by the 40-bed augmentation.

Strength. Off ANC 1 EM 54 Agg 63.

Basis of allocation. To theater army logistical command or task force as required.

Mobility. Fixed.

8-564D Sta Hosp, 200-Bed, COMMZ

Mission. To provide hospitalization to troops in the communications zone.

Assignment. To theater army logistical command.

Capabilities. a. Provides hospital facilities for the care and treatment of 200 patients.

b. May be augmented (Off 1 ANC 3 EM 4) to care for 25 additional patients.

Strength. Off 14 ANC and WMSC 25 WO 2 EM 86 Agg 127.

Basis of allocation. To theater army logistical command as required.

Mobility. Fixed.

8-565E Sta Hosp, 300-Bed

Mission. To provide station-type hospitalization (medical and surgical treatment) and outpatient service to an installation or the military population of a specified geographical area.

Assignment. To theater army logistical command or task force as required.

Capabilities. a. Provides hospital facilities for the care and treatment of 300 patients, to include medical and surgical treatment, preparation of patients for further evacuation, and limited outpatient service.

b. May be augmented (Off 2 ANC 4 EM 12) to care for 60 additional patients.

c. This unit will require the addition of teams from TOE 29-500D for mess when patient capacity has been increased by the 60-bed augmentation.

Strength. Off 11 ANC 1 WO 2 EM 155 Agg 169.

Basis of allocation. To theater army logistical command or task force as required.

Mobility. Fixed.

8-566D Sta Hosp, 500-Bed, COMMZ

Mission. To provide hospitalization to troops in the communications zone.

Assignment. To theater army logistical command.

Capabilities. a. Provides hospital facilities for the care and treatment of 500 patients.

b. May be augmented (Off 2 ANC 5 EM 8) to care for 50 additional patients.

c. May be augmented (Off 3 ANC 10 EM 13) to care for 100 additional patients.

Strength. Off 29 ANC and WMSC 68 WO 5 EM 231 Agg 333.

Basis of allocation. To theater army logistical command as required.

Mobility. Fixed.

8-567R Sta Hosp, 750-Bed, COMMZ

Mission. To provide hospitalization to troops in the communications zone.

Assignment. To theater army logistical command as required.

Capabilities. a. Provides hospital facilities for the care and treatment of 750 patients.

b. May be augmented (Off 2 ANC 5 EM 9) to care for 50 additional patients.

c. May be augmented (Off 3 ANC 10 EM 14) to care for 100 additional patients.

Strength. Off 38 ANC and WSMC 83 WO 7 EM 311 Agg 439.

Basis of allocation. To theater army logistical command as required.

Mobility. Fixed.

8-571D Mbl Army Surg Hosp

Mission. To furnish resuscitative surgery and medical treatment necessary to prepare critically injured or ill patients received from division medical elements for extended evacuation.

Assignment. To field army or independent corps.

Capabilities. a. Provides the following for a maximum of 60 patients:

- (1) Resuscitative surgery and medical treatment necessary to prepare critically injured or ill patients for extended evacuation to other medical

facilities which can give them definitive treatment.

- (2) Patient holding facilities for patients ready for evacuation; the holding element also can operate independently for short periods while the rest of the unit displaces to establish a new facility.

b. This unit will require the addition of professional service team detachments from TOE 8-500C when increased treatment capabilities are required. The unit is dependent on quartermaster laundry company, TOE 10-167D, for laundry service.

Strength. Off 5 ANC 1 EM 87 Agg 93

Basis of allocation. One per division.

Mobility. One hundred percent mobile.

8-581P (Proposed) Evac Hosp, SmbI

Mission. a. To provide hospitalization for all classes of patients within the combat zone and to prepare patients for further evacuation as necessary.

b. This hospital receives patients from division or other clearing stations, mobile army surgical hospitals, unit and area dispensaries and aid stations operating in the vicinity of the evacuation hospital, and by direct admission.

Assignment. Normally assigned to field army. May be assigned to an independent corps or task force when required.

Capabilities. a. Receives all classes of patients and furnishes them medical-surgical care and treatment.

b. Prepares serious cases for further evacuation.

c. Holds minor cases of illness or injury within the time limits established by higher authority and effects the return of such personnel to duty as soon as satisfactory recovery is achieved.

d. Provides a medical facility wherein sufficient numbers of patients may be concentrated to permit efficient and economical employment of available mass evacuation means.

e. Continues the process of medical sorting and classification of patients under conditions favorable for observation and accurate evaluation.

f. Establishes and maintains effective liaison with the appropriate control agency regarding the hospital's evacuation requirements.

g. Prepares and submits to higher headquarters such hospital records, reports, and returns as may be prescribed.

Strength. Off 41 ANC 57 WO 1 EM 216 Agg 315.

Basis of allocation. The normal basis of allocation to a field army is one per division and two per corps.

Mobility. Thirty-five percent mobile.

Remarks. The above data are included for planning purposes only and do not reflect final DA approval. When published, this unit will replace evacuation hospital, semimobile, TOE 8-581R.

8-581R Evac Hosp, SmbI

Mission. To provide hospitalization for all classes of patients within the combat zone.

Assignment. To field army.

Capabilities. a. Receives and provides hospitalization for all classes of patients and prepares patients for further evacuation.

b. Has capacity of 400 patients.

c. May be used to provide hospitalization for task force.

Strength. Off 38 ANC 42 WO 3 EM 222 Agg 305.

Basis of allocation. One per division.

Mobility. a. Thirty-five percent mobile.

b. One hundred percent airtransportable in medium transport aircraft.

Remarks. This unit will be replaced by evacuation hospital, semimobile, TOE 8-581P, when published.

8-590D Conv Cen, Army or COMMZ

Mission. To provide facilities for the convalescent care and physical reconditioning of patients.

Assignment. To field army or theater army logistical command. Normally attached to headquarters and headquarters detachment, medical group, TOE 8-22C.

Capabilities. a. Provides the following for 1,500 patients:

(1) Performance of above mission for evacuees from treatment facilities.

(2) Dispensary, medical, and dental-type treatment for such convalescent patients.

b. When augmented (Off 25 WO 1 EM 86), this unit provides facilities, as listed in *a* above, for 1,500 additional patients.

Strength. Off 49 WO 4 EM 231 Agg 284.

Basis of allocation. One per corps or three per field army. One per 200,000 troops in theater army logistical command.

Mobility. a. Fixed.

b. One hundred percent airtransportable in medium transport aircraft.

8-650D Med Lab

Mission. To furnish complete medical laboratory service within a theater of operations.

Assignment. To theater army logistical command.

Capabilities. a. Provides medical laboratory service in direct support of a field army or general support within a theater of operations as follows:

(1) Unit is capable of operating one base and three mobile laboratories.

(2) Laboratory examinations normally within the capabilities of the unit listed in AR 40-440.

(3) Assists in the detection and identification of agents used in nuclear, biological, and chemical warfare on personnel exposed to such agents and evaluates their actual or potential hazards.

(4) Conducts medical research investigations and technical inspections.

(5) Performs tests in support of epidemiological studies.

(6) Manufactures diagnostic biologicals.

(7) Establishes a theater histopathology center.

b. This unit is dependent on higher medical headquarters, other medical units, and/or other units for partial administration and supply and complete mess and motor maintenance.

Strength. Off 24 EM 88 Agg 112.

Basis of allocation. One per field army; for theater army logistical command, 1 per 250,000 troops or major fraction thereof.

Mobility. a. Headquarters section and base laboratory, theater army logistical command, are fixed.

b. Mobile laboratories, field army area, are 100 percent mobile.

c. One hundred percent airtransportable in heavy transport aircraft.

8-667D Army Med Dep

Mission. To furnish medical depot support to a field army.

Assignment. To field army.

Capabilities. a. Provides receipt, storage, and issue of medical supplies and equipment.

b. Provides field maintenance of medical equipment.

c. Provides fabrication and repair of spectacles.

Strength. Off 14 WO 2 EM 187 Agg 203.

Basis of allocation. One per field army.

Mobility. a. Fifty percent mobile.

b. One hundred percent airtransportable in medium transport aircraft.

Section IV. ORDNANCE

In this section, the terms "end-item maintenance equivalents" and "major item equivalents" are used frequently. These terms are synonymous and are determined as follows:

a. The one item within each field of maintenance which is found in the greatest density is selected as unity. Other items within the field are assigned a relative fraction or multiple of unity, based on the relative frequency of repair and number of man-hours of effort required to repair the average item received as compared with that required for the item selected as unity.

b. For example, in the field of small arms, the rifle has been selected as unity. Pistols have an item maintenance equivalent of 0.5 (one-half as much maintenance effort) and caliber .50 machineguns have an item maintenance equivalent of 3 (i.e., require 3 times the man-hours to perform average repairs).

c. For end-item maintenance equivalent data, see FM 9-1 and 9-2 and SR 310-30-15.

9-()P (Proposed) Ord AD GM GS Co

Mission. a. To provide general support in a theater of operations for all nonexplosive components of NIKE and HAWK missiles and all ordnance materiel of the ground-guidance, launching, and handling equipment not allied with automotive or conventional mechanical equipment.

b. Provides wholesale supply support of HAWK and NIKE-AJAX/HERCULES assem-

blies, subassemblies, components, and repair parts.

Assignment. To field army, independent corps, or theater army logistical command. May be attached to headquarters and headquarters company, ordnance supply and maintenance battalion, TOE 9-76P, or headquarters and headquarters department, ordnance maintenance and supply battalion, TOE 9-76D.

Capabilities. a. Provides third- and fourth-echelon maintenance for two to three ordnance air defense guided missile direct support companies, TOE 9-()P.

b. Provides wholesale supply support of HAWK and NIKE-AJAX/HERCULES system materiel and repair parts to units shown in a, above.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack but cannot simultaneously perform its normal mission.

Strength. Off 5 WO 5 EM 123 Agg 133.

Basis of allocation. Normally three in a type field army and one in theater army logistical command.

Mobility. a. Mobility of personnel is one hundred percent.

b. Mobility of equipment is fifty percent.

Remarks. Above data are included for planning purposes only and do not reflect final DA

approval. When published, this unit will replace ordnance guided missile general support company, TOE 9-227D; team EA, NIKE general support, ordnance service organization, TOE 9-500R; and detachment FG, HAWK general support, ordnance specialized service detachment, TOE 9-510R.

9-()P (Proposed) Ord AD GM DS Co

Mission. a. To provide direct support in a theater of operations for all nonexplosive components of NIKE and HAWK missiles and all ordnance materiel of the ground-guidance, launching, and handling equipment not allied with automotive or conventional mechanical equipment.

b. To provide limited third-echelon maintenance to engineer and signal equipment.

Assignment. Normally attached to an air defense artillery brigade.

Capabilities. a. Provides third-echelon maintenance of all nonexplosive items of the NIKE-AJAX/HERCULES and HAWK missile systems, less conventional mechanical and automotive items.

b. Provides supported units with technical assistance and mobile repair crews (contact teams) for on-site maintenance at battery emplacements and performs serviceability checks of missiles at special ammunition supply points (SASP's).

c. Provides limited direct support for engineer generators and signal radios, teletypewriters, and test equipment used in support of NIKE and HAWK systems. Available repair parts, tools, test equipment, time, and technical ability will govern the amount of maintenance which can be performed.

d. Provides retail supply support of maintenance repair parts and materiel and selected items for direct exchange with the using units.

e. With addition of a HAWK augmentation platoon (EM 24) and/or NIKE augmentation platoon (EM 27), can support a total of four air defense artillery battalions.

f. Individuals of this unit can fight as infantrymen when required.

Strength. Off 5 WO 5 EM 128 Agg 138.

Basis of allocation. Normally one per air defense artillery group.

Mobility. Fifty per cent mobile.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval. When published, this unit will replace detachments FA, direct support NIKE-AJAX/HERCULES, ordnance specialized service detachment, TOE 9-510R, and FE, HAWK direct support, ordnance specialized service detachment, TOE 9-510T.

9-()P (Proposed) Ord FA GM GS Co

Mission. a. To provide general support in a theater of operations for all nonexplosive components of field artillery guided missiles, ground-guidance, launching, handling, and test equipment not allied with conventional mechanical or automotive equipment.

b. To provide wholesale supply support of materiel and repair parts peculiar to the LACROSSE and CORPORAL systems.

Assignment. To field army or independent corps. May be attached to headquarters and headquarters company, ordnance supply and maintenance battalion, TOE 9-76P, or headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

Capabilities. a. Provides general support for two ordnance field artillery guided missile direct support companies, TOE 9-() P.

b. Provides wholesale supply support of materiel and repair parts peculiar to LACROSSE and CORPORAL systems to units shown in a above.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 WO 3 EM 114 Agg 121.

Basis of allocation. Normally three per type field army.

Mobility. a. Mobility of personnel is one hundred percent.

b. Mobility of equipment is 50 percent.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval. When published, this unit will replace ordnance guided missile general support company, TOE 9-227D; team EB, CORPORAL general support, ordnance service organization,

TOE 9-500R; and detachment FF, LACROSSE general support, ordnance specialized service detachment, TOE 9-510T.

9-()P (Proposed) Ord FA GM DS Co

Mission. a. To provide direct support in a theater of operations for all nonexplosive components of the LACROSSE missiles and all ordnance materiel of the ground-guidance, launching, and handling equipment for two field artillery missile battalions, LACROSSE, self-propelled, TOE 6-585T. When augmented by a CORPORAL maintenance section (WO 1 EM 26), it also provides direct support for nonexplosive components of CORPORAL missiles and all ordnance materiel of the ground-guidance, launching, and handling equipment for one field artillery missile battalion, CORPORAL, TOE 6-545E.

b. To provide limited third-echelon maintenance support for automotive equipment.

c. To provide limited direct support for engineer and signal equipment used in support of the LACROSSE and CORPORAL systems.

Assignment. To field army or independent corps. May be attached to headquarters and headquarters company, ordnance supply and maintenance battalion, TOE 9-76P, or headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

Capabilities. a. Provides direct support for missiles, nonexplosive missile components, ground-guidance, test and handling equipment of the LACROSSE missile system for two field artillery missile battalions, LACROSSE, self-propelled, TOE 6-585T. Maintenance will include the repair and/or replacement of components, assemblies, subassemblies, and parts, limited only by supply of repair parts, tools, test equipment, time, and technical ability.

b. Provides limited third-echelon repair of 240 computed wheeled-vehicle equivalents by replacement of assemblies. Also provides acceptance inspection and direct exchange of small-arms and nonintegrated fire control instruments.

c. Provides technical assistance and mobile repair crews (contact teams) for on-site maintenance at battery emplacements and performs serviceability checks of missiles at SASP's.

d. Provides limited direct support for engineer generators and signal radios, radioteletypewriters, and test equipment used in support of the LACROSSE and CORPORAL systems. Available repair parts, tools, test equipment, time, and technical ability will govern the amount of maintenance which can be performed.

e. Provides retail supply support of maintenance repair parts and materiel and a maintenance float of selected items for direct exchange with the using units.

f. When augmented by a CORPORAL maintenance section (WO 1 EM 25), it has the additional capability of providing the above support for one field artillery missile battalion, CORPORAL, TOE 6-545E.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 3 EM 106 Agg 114.

Basis of allocation. Normally two per corps.

Mobility. One hundred percent mobile. Amount of materiel undergoing repair may require that the company be assisted by Transportation Corps units to effect displacement of the unit in one move. Actual requirements must be determined by the individual commander concerned.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval. When published, this unit will replace detachments FB, CORPORAL direct support, and FD, LACROSSE direct support, ordnance specialized service detachment, TOE 9-510R.

9-7P (Proposed) Ord DS Co

Mission. To provide mobile direct support (supply and maintenance) to nondivisional units of the combat zone and/or reinforce divisional ordnance service when required.

Assignment. To field army or independent corps. May be attached to headquarters and headquarters company, ordnance supply and maintenance battalion, TOE 9-76P, or headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

Capabilities. a. Supports the following computed end-item maintenance equivalents or comparable combinations thereof: 620 wheeled-vehicle and associated trailer equivalents and 700 tracked-vehicle equivalents or 1,320 automotive equivalents; 170 turret-type artillery equivalents and 50 towed-type artillery equivalents; and direct-exchange supply support for small-arms and nonintegrated fire control instruments.

b. Provides technical assistance service to supported units.

c. Maintains and furnishes ordnance general supplies (except missiles and ammunition) for supported units.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 WO 2 EM 132 Agg 140.

Basis of allocation. Twenty-seven per type field army (nine per corps force), located in the combat zone.

Mobility. a. One hundred percent mobile.

b. Stocks of secondary items are loaded on 2½-ton cargo trucks and 1½-ton cargo trailers and can be displaced in one move.

c. Stocks of heavy assemblies, serviceable and unserviceable end items, and material undergoing repair may require assistance from heavy Transportation Corps units to effect displacement of the unit in one move. Actual requirements must be determined by individual commander concerned.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval. When published, this unit will replace ordnance direct support company, TOE 9-7D.

9-7D Ord DS Co

Mission. To provide mobile direct support (supply and maintenance) to nondivisional units of the combat zone and/or reinforce divisional ordnance service when required.

Assignment. To field army or independent corps. May be attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D, or

headquarters and headquarters company, ordnance supply and maintenance battalion, TOE 9-76P. Organic to ordnance battalion, service and supply group, US Army missile command (medium), TOE 9-75T.

Capabilities. a. Supports the following computed major item equivalents or comparable combinations thereof: 240 artillery equivalents; 8,400 small-arms equivalents; 783 wheeled-vehicle and associated trailer equivalents; 945 tracked-vehicle equivalents; and 3,150 instrument equivalents.

b. Provides technical assistance service to supported units.

c. Maintains and supplies all ordnance class II and IV supplies for supported units.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 WO 1 EM 172 Agg 181.

Basis of allocation. Eighteen per field army; one per ordnance battalion, service and supply group, US Army missile command (medium), TOE 9-75T.

Mobility. a. Seventy-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft, except for semi-trailer, tank transporter, 50-ton.

Remarks. a. For direct support of theater army logistical command units, see TOE 9-357D and 9-127P.

b. This unit will be replaced by ordnance direct support company, TOE 9-7P, when published.

9-9P (Proposed) Ord GS Co

Mission. a. To provide general support maintenance for wheeled, tracked, combat, and special-purpose vehicles, artillery, small arms, and instruments.

b. To provide ordnance class II and IV wholesale supply support to designated direct support and divisional ordnance battalions in its assigned area.

c. To provide overflow maintenance support by performing maintenance which is beyond the capacity of direct support units.

d. To provide backup support by performing maintenance which is beyond the capabilities of the direct support units.

Assignment. To field army or independent corps or local commands within the communications zone. May be attached to headquarters and headquarters company, ordnance supply and maintenance battalion, TOE 9-76P.

Capabilities. a. Supports the following computed end-item maintenance equivalents: 3,350 automotive equivalents; 470 artillery equivalents; 12,000 small-arms equivalents; and 3,150 instrument equivalents.

b. Provides ordnance class II and IV wholesale supply support to designated direct support and divisional ordnance battalions. The unit does not contain the capability of controlling its own stocks. This service must be provided by the ordnance supply and maintenance battalion to which attached. In the event machine accounting procedures are not available to the battalion, it will be necessary to attach elements of the battalion to this unit for the accomplishment of stock control functions.

c. Maintains a reserve stock of end items supported.

d. May operate forward area collecting point.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 WO 2 EM 205 Agg 213.

Basis of allocation. Fifteen per corps force deployed as follows: eight per corps rear area; three per field army service area; and four per theater army logistical command.

Mobility. a. Fifty percent mobile.

b. TOE personnel and equipment are 100 percent mobile on organic transportation.

c. Stocks of heavy assemblies, serviceable and unserviceable end items, and materiel undergoing repair will require assistance from heavy Transportation Corps units to effect displacement of the unit in two or less lifts. Actual requirements must be determined by the individual commander concerned.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval. When published, this unit will replace ordnance general support company, TOE 9-9D, ordnance field supply company, TOE 9-57D; ordnance park company, TOE 9-137E (in combat zone only); ordnance general automotive support company, TOE 9-197D; and ordnance field maintenance company, TOE 9-357D.

9-9D Ord GS Co

Mission. a. To provide general support field maintenance for full-tracked and combat vehicles and artillery, small arms, and instruments, to include the following:

- (1) Provide backup support by performing maintenance which is beyond the capabilities of the direct support units.
- (2) Provide overflow support by performing maintenance work which is beyond the capacity of direct support units.
- (3) Operate collecting points.
- (4) Assist direct support units in recovery and evacuation operations.

b. To provide limited reconditioning support on a nonassembly line basis for unserviceable, reclaimable tracked-vehicle and artillery assemblies and subassemblies for return to serviceable supply channels.

Assignment. To field army, independent corps, or theater army logistical command. May be attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D, or headquarters and headquarters company, ordnance supply and maintenance battalion, TOE 9-76P.

Capabilities. a. Supports the following computed major item equivalents or comparable combinations thereof: 2,646 tracked-vehicle equivalents; 672 artillery equivalents; 23,520 small-arms equivalents; and 9,450 instrument equivalents. (Equivalent factors are twice those used for direct support.)

b. Provides limited reconditioning for 100 tracked-vehicle assemblies and related subassemblies and 30 artillery assemblies in any 30-day period, considering normal displacement of the unit.

c. Individuals of this unit can fight as infantrymen.

trymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 2 EM 194 Agg 201.

Basis of allocation. Five per corps force, consisting of four per field army service area and one per theater army logistical command.

Mobility. a. Fifty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft, except for semi-trailer, tank transporter, 50-ton.

Remarks. This unit will be replaced by ordnance general support company, TOE 9-9P, when published.

9-12P (Proposed) (Revised) HQ & HQ Co, Ord Gp

Mission. To provide tactical, technical, and administrative command of ordnance troops.

Assignment. To field army, independent corps, or theater army logistical command.

Capabilities. a. Provides command, control, staff planning, and supervision of four to five ordnance battalions.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Full strength: Off 14 WO 4 EM 80 Agg 98.

b. Reduced strength: Off 12 WO 4 EM 63 Agg 79.

Basis of allocation. One full-strength group per four or five ordnance battalions; or one reduced-strength group per two or three ordnance battalions. Normally six group headquarters in each type field army (one full-strength group headquarters in support of each corps and three reduced-strength group headquarters in the field army service area). Normally two reduced-strength group headquarters in theater army logistical command per each corps supported.

Mobility. One hundred percent mobile.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval. When published, this unit will re-

place headquarters and headquarters detachment, ordnance maintenance and supply group, TOE 9-12D; and headquarters and headquarters company, ordnance ammunition group, TOE 9-22D.

9-12D HHD, Ord Maint and Sup Gp

Mission. To provide tactical, technical, and administrative command of ordnance troops.

Assignment. To field army, independent corps, or theater army logistical command.

Capabilities. a. Furnishes command, control, staff planning, and supervision of from three to five ordnance maintenance and supply battalions.

b. May fight as infantry when required.

Strength. Off 10 WO 4 EM 44 Agg 58.

Basis of allocation. One per three to five ordnance maintenance and supply battalions. Normally four group headquarters are assigned to each field army; one in support of each corps and one in support of the field army service area. Within the theater army logistical command, the basis will be one per three to five battalions.

Mobility. a. Sixty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. This unit will be replaced by headquarters and headquarters company, ordnance group, TOE 9-12P (Revised), when published.

9-17D Ord Ammo Co

Mission. a. To establish and operate depots or ammunition supply points (ASP's) for receipt, storage, and issue of all items of conventional ammunition and certain high-density missiles in support of troop units within the theater of operations.

b. When operating in communications zone, unit is employed to establish and operate depots for receipt, storage, and issue of all classes of conventional ammunition for support of troops in the combat zone as well as furnishing ammunition support to local units. One or more ammunition companies may be employed to operate as a depot within the communications zone.

c. When operating in the combat zone or type corps force, unit will be employed to establish ASP's for the issue of ammunition within the field army. In addition, the unit may also be employed to operate a field army ammunition depot as a single operation or in conjunction with other units, depending entirely on the tactical situation.

Assignment. To field army or theater army logistical command. May be attached to headquarters and headquarters detachment, ordnance ammunition battalion, TOE 9-86D, or headquarters and headquarters company, ordnance ammunition battalion, TOE 9-86P.

Capabilities. a. Has a total lift capability of approximately 1,200 short tons of ammunition per day. Lift capability may be defined as the act of physically picking up and setting down ammunition in the course of operations; i.e., can receive 500 tons per day, segregate 200 tons per day, and issue 500 tons per day, or any equivalent combination.

b. When augmented with sufficient indigenous personnel and/or troops, the lift capability of the company may be increased.

c. Operates at two separate locations when required.

d. Performs renovating and reconditioning operations on conventional items of ammunition stored in the unit. High-density missiles that may be stored and issued by this unit will require personnel with sufficient skill in handling and reconditioning of such type items of ammunition.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 WO 1 EM 255 Agg 263.

Basis of allocation. Three per corps, 3 per field army service area, and 12 in the theater army logistical command in support of 1 field army in a theater of operations.

Mobility. a. Sixty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft

9-22D HQ & HQ Co, Ord Ammo Gp

Mission. To provide command, tactical and technical direction, and supervision of administration for attached ordnance ammunition units engaged in the operation of ordnance ammunition service in the combat and communications zones

Assignment. To field army or theater army logistical command.

Capabilities. a. Provides technically qualified personnel to execute the plans, policies, and directives of the command to which assigned on all matters pertaining to ammunition.

b. Commands and directs the operations of from three to five attached ordnance ammunition battalions.

c. Performs theater ammunition stock control functions, as required, when assigned to theater army logistical command and augmented by detachment EA, TOE 9-510R.

d. Operates on a 24-hour basis.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 13 WO 2 EM 78 Agg 93.

Basis of allocation. One per three to five ordnance ammunition battalions.

Mobility. a. Sixty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. This unit will be replaced by headquarters and headquarters company, ordnance group, TOE 9-12P (Revised), when published.

9-47D Ord Sp Ammo Sup Co

Mission. a. To provide direct supply support to firing units in the combat and communications zones for guided missiles and heavy rockets (including associated warheads), nuclear artillery shells (including propellants), atomic demolition munitions, and related items, to include repair parts for nuclear weapons test equipment.

b. To provide for evacuation of unserviceable mission items (except guided missiles) to higher echelon repair facilities.

Assignment. To field army or theater army logistical command. May be attached to headquarters and headquarters detachment, ordnance ammunition battalion, TOE 9-86D, or headquarters and headquarters company, ordnance ammunition battalion, TOE 9-86P. Organic to ordnance battalion, service and supply group, US Army missile command (medium), TOE 9-75T; and ordnance battalion, US Army missile command (medium), TOE 9-75P.

Capabilities. a. Operates at three separate locations through the use of three storage and issue platoons.

b. For capabilities of the storage and issue platoons, see FM 101-10, part III.

c. Provides calibration service to supported units.

d. Provides technical assistance service to supported units.

e. Provides supply source for nuclear ordnance items, to include 300 line items of repair parts for nuclear weapons test equipment.

f. Provides exclusion area security and limited area security.

g. One cook and one mechanic are provided to accompany each storage and issue platoon when operating away from parent unit.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. When attached to headquarters and headquarters detachment, ordnance ammunition battalion, TOE 9-86D; and when organic to ordnance battalion, service and supply group, US Army missile command (medium), TOE 9-75T:

Off 12 WO 4 EM 230 Agg 246.

b. When organic to ordnance battalion, US Army missile command (medium), TOE 9-75P:

Off 9 WO 3 EM 163 Agg 175.

See remarks below.

Basis of allocation. Four per field army on the basis of one per corps and one per field army service area. One per theater army logis-

tical command in support of each field army. One per ordnance battalion, service and supply group, US Army missile command (medium), TOE 9-75T; and one per ordnance battalion, US Army missile command (medium), TOE 9-75P.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. TOE 9-47D operates at reduced strength when organic to ordnance battalion, US Army missile command (medium), TOE 9-75P.

9-57D Ord Fld Sup Co

Mission. To receive, store, and issue ordnance class II and IV general supplies and equipment used by a field army, except wheeled and tracked vehicles and artillery.

Assignment. To field army or independent corps. May be attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

Capabilities. a. Supports a balanced force of all arms by furnishing class II and IV ordnance supplies (less vehicles and artillery) for approximately 25,000 troops of a field army.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 3 WO 4 EM 151 Agg 158.

Basis of allocation. Twelve per field army.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. a. For the theater army logistical command ordnance supply depot company, see TOE 9-367D.

b. This unit will be replaced by ordnance general support company, TOE 9-9P, when published.

9-75P (Proposed) Ord Bn, US Army MSLCOMD (Mdm)

Mission. Same as for TOE 9-75T.

Assignment. Organic to US Army missile command (medium), TOE 39-61P.

Capabilities. Similar to those listed in TOE 9-75T.

Strength. Off 25 WO 8 EM 326 Agg 359.

Basis of allocation. One per US Army missile command (medium), TOE 39-61P.

Mobility. One hundred percent mobile.

Components. Composed of the following units:

One headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D (as modified by proposed Changes No. 1).

One ordnance special ammunition supply company, TOE 9-47D (at reduced strength). See remarks, TOE 9-47D, above.

One ordnance direct automotive support company, TOE 9-127D.

One CORPORAL direct support detachment (FB), TOE 9-510R.

Remarks. a. For data concerning vehicles and armament, see table XII.

b. Above data are included for planning purposes only and do not reflect final DA approval.

9-75T (Tentative) Ord Bn, Svc and Sup Gp, US Army MSLCOMD (Mdm)

Mission. To provide direct support ordnance service for US Army missile command (medium).

Assignment. Organic to service and supply group, US Army missile command (medium), TOE 29-311T.

Capabilities. a. When the US Army missile command (medium) operates without supporting field maintenance, this unit provides the following services for the missile command:

(1) Supply of conventional ammunition, nuclear weapons warheads, conventional warheads, missile bodies, propellants, nuclear artillery shells, and nuclear components to firing units, including repair parts for testing and handling equipment and special design items required by the US Army missile command (medium).

(2) Performs direct support (field maintenance for the missile and associated

equipment, including repair parts supply) for one field artillery missile battalion, CORPORAL, TOE 6-545D.

(3) Provides direct ordnance support (supply and maintenance) for the remaining items of equipment of the US Army missile command (medium) not mentioned above. The maintenance portion of this support is provided by the battalion only when the missile command is operating independently and without supporting field maintenance.

(4) Provides technical assistance service and mobile repair teams in connection with the above.

b. The unit is operationally self-sufficient when composed of all organic elements.

c. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 24 WO 18 EM 532 Agg 574.

Basis of allocation. One per service and supply group, US Army missile command (medium), TOE 29-311T.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft, except for truck, tractor, 15-ton.

Components. Composed of the following units:

One headquarters and headquarters detachment, ordnance battalion, TOE 9-76R (as modified by Changes No. 1 (Tentative)). See remarks, TOE 9-76D.

One ordnance direct support company, TOE 9-7D.

One ordnance special ammunition supply company, TOE 9-47D.

One CORPORAL direct support detachment (FB), TOE 9-510R.

One ammunition supply, basic, detachment (BC), TOE 9-500R (as modified by Changes No. 1 (Tentative)).

Remarks. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

9-76P (Proposed) HQ & HQ Co, Ord Sup and Maint Bn

Mission. a. To provide command, administrative, technical, and operational supervision for attached ordnance class II and IV supply and maintenance units.

b. To provide management and control of wholesale supply activities of attached general support and supply depot units.

Assignment. To field army, theater army logistical command, or independent corps. Normally attached to headquarters and headquarters company, ordnance group, TOE 9-12P.

Capabilities. a. Provides command, control, staff planning, and supervision of all class II and IV support activities for three to seven ordnance companies.

b. Performs the supply management and control functions for all ordnance class II and IV supplies issued and received by the battalion on a wholesale basis.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 11 WO 2 EM 74 Agg 87.

Basis of allocation. Eighteen per type field army and six per theater army logistical command.

Mobility. a. Seventy-five percent mobile.

b. TOE personnel and equipment are normally 100 percent mobile in organic transportation; however, if ADPS equipment is furnished for stock management purposes, it will be mounted in semitrailer vans and require two trips to complete its movement to a new location unless assistance is obtained from the Transportation Corps.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval. When published, this unit will replace headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

9-76D HHD, Ord Maint and Sup Bn

Mission. To provide command, administrative, technical, and operational supervision for

attached ordnance maintenance and supply units.

Assignment. a. To field army, theater army logistical command, or independent corps. May be attached to headquarters and headquarters detachment, ordnance maintenance and supply group, TOE 9-12D, or headquarters and headquarters company, ordnance group, TOE 9-12P.

b. Organic to ordnance battalion, US Army missile command (medium), TOE 9-75P.

Capabilities. a. Provides command, control, staff planning, and supervision of from three to seven ordnance companies.

b. The unit is attached to, or is dependent on, one of the attached units for mess and organizational maintenance.

c. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 WO 3 EM 27 Agg 37.

Basis of allocation. Three per corps. Normally nine per field army. Three per corps force in theater army logistical command. One per ordnance battalion, US Army missile command (medium), TOE 9-75P.

Mobility. a. Sixty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. a. This unit will be replaced by headquarters and headquarters company, ordnance supply and maintenance battalion, TOE 9-76P, when published.

b. TOE 9-76R, as modified by Changes No. 1 (Tentative), is organic to ordnance battalion, service and supply group, US Army missile command (medium), TOE 9-75T. The organization, mission, capabilities, etc., are similar to TOE 9-76D.

9-86P (Proposed) HQ & HQ Co, Ord Ammo Bn

Mission. To provide command, administrative, technical, and operational supervision for attached conventional ammunition and special ammunition units providing ammunition service to the army in the field.

Assignment. To field army, theater army logistical command, or independent corps. May be attached to headquarters and headquarters company, ordnance group, TOE 9-12P, or headquarters and headquarters company, ordnance ammunition group, TOE 9-22D.

Capabilities. *a.* Provides command, administrative, technical, and operational supervision for three to seven ammunition and special ammunition companies, or combinations thereof.

b. Operates on a 24-hour basis.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 12 WO 1 EM 62 Agg 75.

Basis of allocation. Six per type field army and six per theater army logistical command.

Mobility. One hundred percent mobile.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval. When published, this unit will replace headquarters and headquarters detachment, ordnance ammunition battalion, TOE 9-86D.

9-86D HHD, Ord Ammo Bn

Mission. To provide command, administrative, technical, and operational supervision for attached ordnance ammunition and nuclear weapons and missile support units providing ammunition service to the army in the field.

Assignment. To field army or theater army logistical command. May be attached to headquarters and headquarters company, ordnance ammunition group, TOE 9-22D, or headquarters and headquarters company, ordnance group, TOE 9-12P.

Capabilities. *a.* Provides command, administrative, technical, and operational supervision for two to five ordnance ammunition and/or nuclear weapons and missile support units.

b. When assigned a support mission at various echelons in a theater of operations, this unit provides the above capabilities to the following companies:

- (1) Corps of a field army: one ordnance special ammunition supply company,

TOE 9-47D; and two to four ordnance ammunition companies, TOE 9-17D.

- (2) Field army: one ordnance special ammunition supply company, TOE 9-47D; one ordnance special ammunition general support company, TOE 9-87D; and two to three ordnance ammunition companies, TOE 9-17D.

- (3) Theater army logistical command: one ordnance special ammunition depot support company, TOE 9-377D; one ordnance special ammunition supply company, TOE 9-47D; and two to four ordnance ammunition companies, TOE 9-17D.

c. Operates on a 24-hour basis.

d. This unit is attached to, or is dependent on, one of the attached units for mess and organizational maintenance.

e. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 11 WO 2 EM 59 Agg 72.

Basis of allocation. *a.* One per two to five ordnance ammunition and/or ordnance special ammunition companies.

b. Three per theater army logistical command in support of a field army on the basis of one per corps force being supported.

Mobility. *a.* Sixty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. This unit will be replaced by headquarters and headquarters company, ordnance ammunition battalion, TOE 9-86P, when published.

9-87D Ord Sp Ammo GS Co

Mission. *a.* To provide general supply support for guided missiles and heavy rockets (including associated warheads), nuclear artillery shells (including propellants), atomic demolition munitions, and related items (including repair parts for nuclear weapons test equipment) in the combat zone through backup support of ordnance special ammunition supply companies.

b. To provide for evacuation of unserviceable mission items (except guided missiles) to higher echelon repair facilities.

c. To provide maintenance of nuclear weapons within the field army area, to include repair of test equipment, calibration service, and limited assembly, surveillance, modification, and conversion of weapons configuration.

d. For classified mission, see FM 101-10, part III.

Assignment. To field army. May be attached to headquarters and headquarters detachment, ordnance ammunition battalion, TOE 9-86D, or headquarters and headquarters company, ordnance ammunition battalion, TOE 9-86P.

Capabilities. a. Provides facilities for the receipt, storage, and issue of approximately 3,000 line items of nuclear weapons materiel.

b. Assembly. See FM 101-10, part III.

c. Storage. See FM 101-10, part III.

d. Provides field maintenance for nuclear weapons test and handling equipment in the field army zone.

e. Provides secondary transfer calibration service.

f. Provides exclusion area security and limited area security.

g. Operates on a 24-hour basis.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 9 WO 7 EM 168 Agg 184.

Basis of allocation. One per field army.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

9-107P (Proposed) Ord Calbr Co

Mission. To provide secondary reference and secondary transfer calibration service for all ordnance test equipment in depots, general support and direct support units, and, where required, provide calibration support to ordnance test equipment issued to tactical units.

Assignment. Normally assigned to theater army logistical command. May be attached to headquarters and headquarters company, ord-

nance ammunition battalion, TOE 9-86P, or headquarters and headquarters detachment, ordnance ammunition battalion, TOE 9-86D.

Capabilities. a. Provides secondary reference and secondary transfer calibration support for units in a theater of operations on a 24-hour basis.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against limited hostile ground attack.

Strength. Off 5 WO 16 EM 106 Agg 127.

Basis of allocation. Two or more per field army in theater of operations.

Mobility. Fifty per cent mobile.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

9-117T (Tentative) Ord Tire Rep Co

Mission. To receive, inspect, classify, and repair high-density pneumatic tires ranging in sizes from 5.50 x 15 to 11.00 x 22 and all size tubes for return to supply channels.

Assignment. To field army, independent corps, or theater army logistical command. May be attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

Capabilities. a. Performs 300 sectional and spot repairs on tires and 600 tube repairs daily.

b. The three platoons of this company may be employed in independent locations in the communications zone or in the field army service area to the rear of each corps.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 1 EM 151 Agg 157.

Basis of allocation. Two per type field army in a theater allocated on the basis of one per field army and one per theater army logistical command.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. This unit will be replaced by ordnance collection and classification company, TOE 9-167P, when published.

9-127P (Proposed) Ord DS Autmv Co

Mission. To provide mobile automotive direct support (supply and maintenance) to non-divisional units of the combat zone, to reinforce divisional ordnance service when required, to communications zone units as required.

Assignment. To field army, independent corps, or theater army logistical command. May be attached to headquarters and headquarters company, ordnance supply and maintenance battalion, TOE 9-76P.

Capabilities. a. Supports the following computed end-item maintenance equivalents or comparable combinations thereof; 1,890 wheeled-vehicle and associated trailer equivalents, and direct-exchange supply support for small arms, and nonintegrated fire control instruments.

b. Provides technical assistance service to supported units.

c. Maintains and furnishes ordnance general supplies (except tracked vehicles, artillery, and ammunition) for supported units.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 WO 2 EM 141 Agg 149.

Basis of allocation. Twenty-four per field army (eight per corps). In theater army logistical command, normally eight per corps supported.

Mobility. a. One hundred percent mobile.

b. Stocks of secondary items are loaded on 2½-ton cargo trucks and 1½-ton cargo trailers and can be displaced in one move.

c. Stocks of heavy assemblies, serviceable and unserviceable end items, and materiel undergoing repair may require assistance from heavy Transportation Corps units to effect displacement of the unit in one move. Actual requirements must be determined by the individual commander concerned.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval. When published, this unit will replace ordnance direct automotive support company, TOE 9-127D; and ordnance field maintenance company, TOE 9-357D.

9-127D Ord DAS Co

Mission. a. To provide mobile automotive and small-arms direct support to nondivisional units of the combat zone and/or reinforce divisional ordnance service when required.

b. To provide limited motor vehicle assembly support when required.

Assignment. a. To field army; independent corps; or theater army logistical command when assigned the mission of vehicle assembly. May be attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

b. Organic to ordnance battalion, US Army missile command (medium), TOE 9-75P.

Capabilities. a. Supports the following computed major item equivalents or comparable combinations thereof: 1,269 wheeled-vehicle and associated trailer equivalents and 8,400 small-arms equivalents.

b. Provides technical assistance service to supported units.

c. When augmented with required lift equipment from outside sources, the unit is capable of vehicle assembly for limited periods of time.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 WO 1 EM 114 Agg 123.

Basis of allocation. a. Twenty-four per field army.

b. One per ordnance battalion, US Army missile command (medium), TOE 9-75P.

Mobility. a. Seventy-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. This unit will be replaced by ordnance direct support automotive company, TOE 9-127P, when published.

9-137P (Proposed) Ord Park Co

Mission. To receive, store, maintain in storage, prepare for issue, and issue end items of wheeled and tracked vehicles and artillery (towed or self-propelled) and selected items of guided-missile launching, handling, and transport equipment to theater army logistical command units or as otherwise assigned.

Assignment. To theater army logistical command. May be attached to headquarters and headquarters company, ordnance supply and maintenance battalion, TOE 9-76P.

Capabilities. a. Operates a park of 2,400 automotive equivalents or 1,200 gas-consuming vehicles, of which 40 percent may be combat vehicles with a proportionate number of trailers, and 135 artillery pieces (including self-propelled).

b. In each 30-day period, performs all operations incident to the issue of 1,200 vehicles and 135 artillery pieces (including self-propelled).

c. Each storage platoon can support one-third of the above capabilities when operating with the unit or when operating apart from the company and assigned to another unit.

d. When operating in one location in the communications zone, with augmentation of sufficient auxiliary personnel (civilians, service or combat troops, etc.), the capabilities of the company can be increased 100 percent.

e. When operating separately, the storage platoons receive their mess support from the unit to which they are attached.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 1 EM 117 Agg 123.

Basis of allocation. Two per theater army logistical command per corps supported.

Mobility. One hundred percent mobile. Stocks of wheeled and tracked vehicles and artillery (towed and self-propelled) will require assistance from Transportation Corps units to effect displacement of the stock on hand. Actual requirements must be determined by the individual commander concerned.

Remarks. Above data are included for planning purposes only and do not reflect final DA

approval. When published, this unit will replace ordnance park company, TOE 9-137E.

9-137E Ord Park Co

Mission. a. To receive, store, maintain in storage, prepare for issue, and issue major items of wheeled and tracked vehicles and artillery (towed or self-propelled) to field army or theater army logistical command units, or as otherwise assigned.

b. To stock necessary quantities of items of other services essential for combat loading and to combat load all vehicles when operating in the field army area.

Assignment. To field army or theater army logistical command. May be attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D.

Capabilities. a. Operates a park of 3,600 automotive equivalents or 1,800 gas-consuming vehicles, of which 40 percent may be combat vehicles, with a proportionate number of trailers, and 135 artillery pieces (including self-propelled).

b. In each 30-day period, performs all operations incident to the issue of 1,800 vehicles and 135 artillery pieces (including self-propelled).

c. The company is composed of three storage platoons; each one can support one-third of the above capabilities when operating with the unit or when operating apart from the company and assigned to another unit.

d. When operating in one location in the communications zone, with augmentation of sufficient auxiliary personnel (civilians, service or combat troops, etc.), the capabilities of the company can be increased 100 percent.

e. When operating separately, the storage platoons receive their mess support from the unit to which they are attached.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 1 EM 150 Agg 156.

Basis of allocation. One per field army and one per theater army logistical command.

Mobility. a. Seventy percent mobile.

b. One hundred percent air-transportable in medium transport aircraft, except for tank recovery vehicle, medium.

Remarks. This unit will be replaced in the combat zone by ordnance general support company, TOE 9-9P; and in the communications zone by ordnance park company, TOE 9-137P, when published.

9-167P (Proposed) Ord Coll and Clas Co

Mission. a. To establish collecting and classification points within the field army service area or communications zone for the receipt and disposition of ordnance class II and IV materiel and similar captured enemy equipment.

b. To inspect, classify, disassemble, preserve, and dispose of ordnance class II and IV serviceable or unserviceable materiel as directed by appropriate commander.

c. To repair pneumatic tires in sizes 7.00 x 16, 9.00 x 16, 9.00 x 20, 11.00 x 20 and all size tubes for return to supply channels. To receive, inspect, classify, and dispose of pneumatic tires in sizes other than stated above.

d. May fight as infantry when required.

Assignment. Normally assigned to field army service area or theater army logistical command. May be attached to headquarters and headquarters company, ordnance supply and maintenance battalion, TOE 9-76P.

Capabilities. a. Collects, inspects, identifies, and classifies all types of ordnance class II and IV materiel and similar items of captured enemy materiel (except those peculiar to guided missile systems).

b. Segregates, preserves, and packages selected items of materiel for return to supply channels or for evaluation.

c. Disassembles end items that have been declared uneconomically repairable and classified components and assemblages for repair, return to supply stocks, or disposal (except those peculiar to guided missile systems).

d. Performs 100 sectional and spot repairs on tires and 200 tube repairs daily (two-shift operation). This is total repair capability and not quantities of tires and tubes.

e. The unit is not capable of performing field maintenance except for tires and tubes. Field maintenance on the unit organic equipment or on materiel returned to supply stock must be accomplished by other type units.

f. Performs explosive ordnance disposal function to remove and render safe mines, boobytraps, and other demolition found on ordnance materiel processed by this unit.

g. Additional requirements for recovery and evacuation facilities must be provided by appropriate Transportation Corps units.

Strength. Off 6 WO 1 EM 208 Agg 215.

Basis of allocation. Normally three per corps force supported, with one in the field army service area and two in the communications zone.

Mobility. a. TOE personnel and equipment are 50 percent mobile on organic transportation.

b. Stocks of heavy assemblies and serviceable and unserviceable end items will require assistance from Transportation Corps units to effect displacement of the unit. Actual requirements must be determined by the individual commander concerned.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval. When published, this unit will replace ordnance collection and classification company, TOE 9-167D and ordnance tire repair company, TOE 9-117T.

9-167D Ord Coll and Clas Co

Mission. a. To establish collecting points within the field army or theater army logistical command for the receipt and disposition of automotive or conventional ordnance armament materiel and similar captured enemy equipment.

b. To inspect, classify, disassemble, preserve, and dispose of serviceable or unserviceable materiel as directed by the appropriate commander.

Assignment. To field army or theater army logistical command; normally attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D, or headquarters and headquarters com-

pany, ordnance supply and maintenance battalion, TOE 9-76P.

Capabilities. a. Collects, identifies, classifies, and disposes of all serviceable and unserviceable ordnance equipment, except guided missiles; and ground-guidance, launching, and handling equipment not allied with automotive or conventional mechanical equipment.

b. Augments the evacuation facilities of Transportation Corps units as required.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 WO 1 EM 162 Agg 167.

Basis of allocation. One per field army and one per theater army logistical command for every four divisions.

Mobility. a. Sixty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft, except for tank recovery vehicle, medium, and semitrailer, tank transporter, 50-ton.

Remarks. This unit will be replaced by ordnance collection and classification company, TOE 9-167P, when published.

9-197D Ord Gen Autmv Spt Co

Mission. a. To provide general support ordnance field maintenance service for wheeled-vehicles and trailers.

b. To provide limited reconditioning support on a nonassembly-line basis for unserviceable, reclaimable wheeled-vehicle engines, power train assemblies, and automotive fuel and electric subassemblies for return to serviceable supply channels.

Assignment. To field army, independent corps, or theater army logistical command. May be attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D, or headquarters and headquarters company, ordnance supply and maintenance battalion, TOE 9-76P.

Capabilities. a. Supports the following computed major item equivalents or comparable combinations thereof: 2,862 wheeled-vehicle

equivalents, including trailers. (Equivalent factors are twice those used for direct support.)

b. Provides limited reconditioning concurrently within a 30-day period by other than assembly line methods for the following, considering normal displacement of the unit:

- (1) One hundred and twenty-five to 150 miscellaneous wheeled-vehicle engines.
- (2) Approximately 625 wheeled-vehicle power train assemblies, to include transmissions, transfer cases, steering gears, and front and rear axles.
- (3) Approximately 1,800 automotive fuel and electric system subassemblies, to include generators, starters, regulators, distributors, carburetors, fuel pumps, and governors.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 3 EM 177 Agg 185.

Basis of allocation. Fifteen per field army. Two per corps force in communications zone (under type B organization). When required as augmentation, normally one per three ordnance direct automotive support companies, TOE 9-127D.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. This unit will be replaced by ordnance general support company, TOE 9-9P, when published.

9-217P (Proposed) Ord Co, REDSTONE

Mission. To provide direct maintenance and supply support for ordnance materiel of the field artillery missile battalion, REDSTONE, including vehicles and missile-peculiar items.

Assignment. Organic to field artillery missile battalion, REDSTONE, TOE 6-635P.

Capabilities. a. Operates on a 24-hour basis.

b. Provides for the receipt, storage, and issue of approximately 3,000 line items of general supplies.

c. Receives, stores, inspects, and issues to the REDSTONE battalion missiles, warheads, and

PART II

fuels required to support the authorized sustained rate of daily launchings.

d. Maintains in ready-for-issue condition the authorized maintenance float of missiles and associated warheads.

e. Operates a field maintenance shop for ballistic missile systems and provides technical assistance teams as necessary.

f. Performs field maintenance for approximately 270 automotive equivalents.

g. This unit is not capable of providing the necessary security for the warhead exclusion area and limited security areas. Exact requirements for this support must be determined by the commander and provided by the local command providing administrative support to the REDSTONE battalion.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 6 EM 142 Agg 153.

Basis of allocation. One per field artillery missile battalion, REDSTONE, TOE 6-635P.

Mobility. *a.* One hundred percent mobile. Additional transportation must be provided or organic transportation shuttled to move stocks of missiles, fuels, and warheads in the ballistic missile support point.

b. One hundred percent air-transportable in heavy transport aircraft.

Remarks. *a.* For data concerning vehicles and armament, see table VII.

b. Above data are included for planning purposes only and do not reflect final DA approval.

9-227D Ord GM GS Co

Mission. To provide general support maintenance in a theater of operations for all nonexplosive components of NIKE and CORPORAL missiles and all ordnance materiel of ground-guidance, launching, and handling equipment not allied with automotive or conventional mechanical equipment.

Assignment. To field army or theater army logistical command. May be attached to headquarters and headquarters detachment, ord-

nance maintenance and supply battalion, TOE 9-76D, or headquarters and headquarters company, ordnance supply and maintenance battalion, TOE 9-76P.

Capabilities. *a.* Provides general support maintenance for a maximum of six NIKE direct support detachments FA, TOE 9-510R; and for a maximum of three CORPORAL direct support detachments FB, TOE 9-510R.

b. When employed to support in excess of six NIKE direct support detachments FA, TOE 9-510R, or three CORPORAL direct support detachments FB, TOE 9-510R, additional teams EA, NIKE general support, TOE 9-500R, may be attached as required.

c. In absence of direct support detachments, the company is capable of providing direct support to local guided missile firing units within the vicinity of the unit's base of operations.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 3 WO 5 EM 152 Agg 160.

Basis of allocation. Normally one per field army and one to a theater army logistical command.

Mobility. *a.* Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. This unit will be replaced by ordnance air defense guided missile general support company, TOE 9-()P, and ordnance field artillery guided missile general support company, TOE 9-()P, when published.

9-357D Ord Fld Maint Co

Mission. To provide field maintenance support for wheeled vehicles and small arms of service troops and transients in an assigned area of the theater army logistical command.

Assignment. To theater army logistical command; normally attached to headquarters and headquarters detachment, ordnance maintenance and supply battalion, TOE 9-76D, or headquarters and headquarters company, ordnance supply and maintenance battalion, TOE 9-76P.

Capabilities. a. Can support a density of 2,500 general-purpose wheeled-vehicle equivalents and a density of 12,000 major items of small-arms equivalents. This capacity is based on a daily maintenance load of 30 vehicle equivalents. The 3 direct support platoons are capable of a total daily output of 25 vehicle equivalents, based on the following average hours per equivalent: 70 percent require 10 hours each, 20 percent require 48 hours each, and 10 percent require 6 hours each. The heavy support section plus the service section is capable of repairing a maximum of 5 vehicle equivalents per day, based on a 70 man-hour per vehicle equivalent factor.

b. When in support of air defense artillery units or units employing tracked vehicles, the company must be augmented with appropriate teams of TOE 9-500R and 9-510R.

c. May fight as infantrymen when required.

Strength. Off 6 WO 2 EM 213 Agg 221.

Basis of allocation. For initial planning, 1 per 12,000 troops in the communications zone. For final planning, 1 per density of 2,500 major item equivalents of automotive (general-purpose) vehicles in the communications zone.

Mobility. Thirty percent mobile.

Remarks. The mission of this unit will be assumed by ordnance direct support automotive company, TOE 9-127P, and/or ordnance general support company, TOE 9-9P, when published.

9-367P (Proposed) Ord Dep Sup Co

Mission. To establish and operate ordnance class II and IV supply depots for distribution to combat zone supply installations and for storage and distribution within the communications zone. Vehicles, artillery, and selected items of guided-missile launching and handling equipment are stored and issued by the ordnance park company, TOE 9-137P.

Assignment. Normally assigned to theater army logistical command and attached to headquarters and headquarters company, ordnance supply and maintenance battalion, TOE 9-76P.

Capabilities. a. Issues or ships 170 short tons of ordnance class II and IV supplies per day

and concurrently performs all of the operations incident to the receipt and storage thereof.

b. When augmented with sufficient auxiliary personnel (civilians, service or combat troops, etc.), the capabilities of the unit can be increased. Administrative limitations restrict such increase to about 50 percent optimum.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 WO 3 EM 242 Agg 251.

Basis of allocation. a. Four per theater army logistical command per corps supported, deployed two in advance section and two in base section.

b. When extended supply lines, dispersion in the forward sectors, or augmented combat forces dictate additional displacement of supplies (that is, forwarding points between the debarkation area and the combat zone to maintain the requisite flow of supplies), additional units allocated at 1 per 170 short tons per displacement required must be provided.

Mobility. a. Fifteen percent mobile.

b. When it is necessary to relocate this unit, assistance from the Transportation Corps will be essential.

c. Number and type of vehicles required will depend on the volume of stocks on hand and will be determined by the unit commander.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval. When published, this unit will replace ordnance supply depot company, TOE 9-367D.

9-367D Ord Sup Dep Co

Mission. To establish and operate ordnance class II and IV supply depots for distribution to combat zone supply installations and for storage and distribution within the communications zone. Major items of vehicles and artillery are stored and issued by the ordnance park company, TOE 9-137E.

Assignment. To theater army logistical command; normally attached to headquarters and headquarters detachment, ordnance maintenance

nance and supply battalion, TOE 9-76D, or headquarters and headquarters company, ordnance supply and maintenance battalion, TOE 9-76P.

Capabilities. a. Can issue or ship 170 short tons of ordnance class II or IV supplies per day and concurrently perform all the operations incident to the receipt and storage thereof.

b. When augmented by auxiliary personnel (civilians, service or combat troops, etc.), the capabilities of the unit can be increased to an optimum 50 percent.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 3 WO 4 EM 245 Agg 252.

Basis of allocation. a. One per 170 short tons of ordnance class II and IV supplies consumed per day in the theater multiplied by the number of planned forward displacements of supplies within the communications zone necessary to effect delivery to combat zone supply installations. Shipment from depots in the communications zone near ports direct to combat zone supply installations constitutes one displacement; shipment by such depots to forward supply installations in the communications zone thence to depots in the combat zone constitutes two forward displacements to effect supply echelonment.

b. For initial planning, four companies per type field army when the field supply company, TOE 9-57D, is used; or four companies per type corps force when the field supply company is not used.

Mobility. Fifteen percent mobile.

Remarks. This unit will be replaced by ordnance depot supply company, TOE 9-367P, when published.

9-377D Ord Sp Ammo Dep Spt Co

Mission. a. To provide depot supply support for guided missiles and heavy rockets (including associated warheads), nuclear artillery shells (including propellants), atomic demolition munitions, and related items, to include all nuclear ordnance materiel.

b. To provide depot-level assembly, repair, maintenance, and modification for nuclear weapons and nuclear weapons materiel.

Assignment. To theater army logistical command. May be attached to headquarters and headquarters detachment, ordnance ammunition battalion, TOE 9-86D, or headquarters and headquarters company, ordnance ammunition battalion, TOE 9-86P.

Capabilities. a. Nuclear weapons assembly. See FM 101-10, part III.

b. Special ammunition in-storage monitoring and maintenance. See FM 101-10, part III.

c. Provides field maintenance for nuclear weapons test and handling equipment.

d. Provides secondary transfer calibration service.

e. Provides facilities for the receipt, storage, and issue of approximately 6,000 line items of nuclear weapons materiel.

f. Provides facilities for the receipt, storage, and issue of nuclear weapons, guided missiles, and heavy rockets.

g. Provides facilities for maintenance of heavy rockets and the transfer of liquid propellants from bulk containers to premetered containers.

h. Provides exclusion area security and limited area security.

i. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 12 WO 13 EM 268 Agg 293.

Basis of allocation. Three per theater army logistical command in support of one field army or one per corps slice in a theater of operations.

Mobility. a. Fifty percent mobile. Vehicular transportation is limited to that required for command reconnaissance, supply, maintenance, and unit administration.

b. One hundred percent air-transportable in heavy transport aircraft, except for 20-ton crane.

9-500R Ord Svc Org

Mission. a. To perform ordnance service functions where units of less than company size

are required to meet the varying logistical considerations in ordnance support responsibilities.

b. To increase the productive capacity of fixed-strength units where increments of less than company size are needed.

Assignment. Teams may be attached or assigned, as required, to fixed-strength units or may be organized into service units to perform ordnance service requirements under varying conditions. These teams are not capable of performing their own administration, with exception of team AC.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and grouping of the teams used. Individual team capabilities are shown in the following paragraphs.

b. Mess teams and organizational automotive maintenance teams will be drawn from TOE 29-500D. Basis for computation of teams, when required and the support is not otherwise available from supported units, will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. As indicated in detailed breakdown of teams.

Mobility. The degree of mobility must be computed for each specific combination of cellular teams and/or composite units to be used.

Part 1—Administrative Teams

Teams AA, AB, and AC

Team AA, platoon headquarters, component

Capabilities. Provides command and administrative control for two or more teams which operate as a component of a larger organization.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per 2 or more teams of a total strength not less than 40 individuals which operate as a component of a larger administrative organization and to which no officer is organically assigned.

Team AB, platoon headquarters, separate

Capabilities. Provides command and administrative control for two or more teams which operate separately.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per 2 or more teams of a total strength not less than 40 individuals which operate separately and to which no officer is organically assigned.

Team AC, company headquarters

Capabilities. Provides command and administrative control for two or more teams.

Strength. Off 2 EM 7 Agg 9.

Basis of allocation. One per 2 or more platoons, providing that the total company strength will be at least 100 individuals.

Part 2—Supply and Evacuation Teams

Teams BA to BE

Team BA, general supply, basic

Capabilities. Issues or ships 10 short tons of ordnance class II and IV supplies per day and concurrently performs all the operations incident to the receipt and storage thereof.

Strength. WO 1 EM 15 Agg 16.

Basis of allocation. One per 10 short tons to be handled in a direct support role where required.

Team BB, general supply, augmentation

Capabilities. Has same capability of team BA. Teams BA and BB are normally not assembled to platoon size for operating separately, but are generally included in platoon with maintenance teams.

Strength. EM 14.

Basis of allocation. Used only to augment team BA to increase capability by 100 percent.

Team BC, ammunition supply, basic

Capabilities. Lifts 150 tons of ammunition per day, each handling constituting 1 lift; i.e., can receive 90 tons and issue 60 tons per day, or any equivalent combination.

Strength. WO 1 EM 28 Agg 29.

Basis of allocation. One per 150 tons of ammunition to be handled per day; 1 per ordnance battalion, service and supply group, US army missile command (medium), TOE 9-75T.

Team BD, ammunition supply, augmentation

Capabilities. Lifts 75 tons of ammunition per day.

Strength. EM 15.

Basis of allocation. Used only to augment team BC to increase capability by 50 percent.

Team BE, recovery

Capabilities. Performs recovery and evacuation of all types of disabled tracked and wheeled vehicles to collecting points and/or maintenance facilities.

Strength. Off 1 EM 21 Agg 22.

Basis of allocation. One per 15,000 troops or major fraction thereof.

Part 3—Vehicle Maintenance Teams

Teams CA, CB, CC, and CD

Team CA, wheeled-vehicle repair, basic

Capabilities. Provides field maintenance (third echelon) for 200 wheeled-vehicle equivalents.

Strength. WO 1 EM 14 Agg 15.

Basis of allocation. One per 200 wheeled-vehicle equivalents to be maintained.

Team CB, wheeled-vehicle repair, augmentation

Capabilities. Provides field maintenance for support of an additional 200 wheeled-vehicle equivalents.

Strength. EM 5.

Basis of allocation. Used only to augment team CA to increase capability by 100 percent.

Team CC, tracked-vehicle repair, basic

Capabilities. Provides field maintenance (third echelon) for 50 tracked-vehicle equivalents.

Strength. WO 1 EM 20 Agg 21.

Basis of allocation. One per 50 tracked-vehicle equivalents to be maintained.

Team CD, tire repair

Capabilities. Operates a tire repair facility, performing single sectional repair, spot repair, and tube repair on high-density size tires and tubes. Daily capacity depends on size of tires handled; approximately 56 sectional repairs, 30 spot repairs, and 200 tube repairs can be performed per day, based on normal high-density size tires.

Strength. Off 1 EM 16 Agg 17.

Basis of allocation. One per 50,000 troops or major fraction thereof, or approximately 5,000 to 6,000 mixed wheeled vehicles.

Part 4—Armament Maintenance Teams Teams DA, DB, and DC

Team DA, artillery repair, basic

Capabilities. Supports three air defense artillery or field artillery battalions. When supporting air defense artillery weapons, maintenance of electrical remote control systems must be provided by appropriate fire control repair team DB, TOE 9-500R; or team CC, TOE 9-510R.

Strength. WO 1 EM 11 Agg 12.

Basis of allocation. One per three air defense artillery and/or field artillery battalions not otherwise supported for maintenance of artillery weapons.

Team DB, fire control repair

Capabilities. Maintains electrical components, control systems, and electrical fire control equipment for three air defense artillery battalions. When in support of light air defense artillery weapons only, MOS codes pertaining to heavy air defense artillery may be changed to appropriate MOS codes for light air defense artillery maintenance. Not required for integrated fire control system repair where team CC is to be used.

Strength. Off 1 EM 8 Agg 9.

Basis of allocation. One per three air defense artillery battalions not otherwise supported for maintenance of fire control equipment.

Team DC, small-arms repair

Capabilities. Performs field maintenance for

a normal density of 4,500 small-arms equivalents or major fraction thereof.

Strength. EM 4.

Basis of allocation. One per 4,500 small-arms equivalents or major fraction thereof.

Part 5—Guided Missile Maintenance Teams

Teams EA and EB

Team EA, NIKE general support

Capabilities. Provides general support maintenance for all nonexplosive components of NIKE missiles and all ordnance materiel of the ground-guidance, launching, and handling equipment, except automotive equipment. Provides general support maintenance for a maximum of four NIKE direct support detachments.

Strength. Off 1 WO 2 EM 42 Agg 45.

Basis of allocation. One per maximum of four NIKE direct support detachments FA, TOE 9-510R.

Remarks. This team will be replaced by ordnance air defense guided missile general support company, TOE 9-()P, when published.

Team EB, CORPORAL general support

Capabilities. Provides general support maintenance for all nonexplosive components of CORPORAL missiles and all ordnance materiel of the ground-guidance, launching, and handling equipment, except automotive equipment. Provides general support maintenance for a maximum of two CORPORAL direct support detachments.

Strength. Off 1 WO 1 EM 41 Agg 43.

Basis of allocation. One per maximum of two CORPORAL direct support detachments FB, TOE 9-510R.

Remarks. This team will be replaced by ordnance field artillery guided missile general support company, TOE 9-()P, when published.

Part 6—Nuclear Weapons Teams

Teams FA and FB

Team FA, nuclear weapons support

Capabilities. Establishes and performs main-

tenance operations. Changes weapons configuration; performs storage inspections and assembly operations; and inspects nuclear artillery projectiles and nuclear components. Performs depot-level maintenance of nuclear weapons test and handling equipment and secondary transfer calibration service (when secondary reference standards are available) for organic and supported units' equipment. Provides facilities for controlling the receipt, storage, and issue of approximately 3,000 line items of nuclear weapons materiel and related items. From a technical point of view, the capabilities of this unit approximate similar capabilities of TOE 9-87D.

Strength. Off 3 WO 2 EM 26 Agg 31.

Basis of allocation. When required to augment the capability of an ordnance special ammunition depot or general support company because of weapons density; or as required to provide a nuclear weapons assembly capability to a special task force or an ordnance special ammunition supply company. When operating separately, the detachment must be augmented by the attachment of appropriate security teams from TOE 19-500D, part 5.

Team FB, nuclear weapons support, augmentation

Capabilities. Augments team FA to increase its capabilities by addition of personnel in support of maintenance operations at one location on a two-shift basis.

Strength. WO 2 EM 8 Agg 10.

Basis of allocation. Used only to augment team FA to increase capability by 100 percent.

9-510R Ord Specd Svc Det

Mission. a. To perform ordnance specialized service functions where units of less than company size are required.

b. To increase the productive capacity of fixed-strength units where increments of less than company size are needed. These detachments are designed to provide organizations which differ in size and composition, depending on the tactical and logistical considerations involved.

c. Detachments in this TOE are specialized. They are the only units provided in ordnance service for the performance of their respective missions. There are no comparable standard tables of organization and equipment. It is essential that these detachments be included by planners in troop lists and activated by the Department of the Army at the same time as other standard units.

Assignment. Detachments will be attached or assigned, as required, to fixed-strength units or may be organized along with teams from ordnance service organization, TOE 9-500R, into service units to perform ordnance service requirements under varying conditions. These detachments are not capable of performing their own administration.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and grouping of the detachments used. Individual detachment capabilities are shown in the following paragraphs.

b. Mess and organizational automotive maintenance detachments will be drawn from TOE 29-500D. Basis for computation of detachments required will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance.

Strength. As indicated in detailed breakdown of detachments.

Basis of allocation. As indicated for individual detachments.

Part 1—Explosive Disposal Ordnance Detachments

Detachments AA, AB, and AC

Detachment AA, explosive disposal

Capabilities. Detects, identifies, renders safe, recovers, field evaluates, and disposes of unexploded US and foreign explosive items, such as bombs, shells, mines, rockets, pyrotechnics, demolition charges, guided missiles, and nuclear weapons which have been launched, dropped, placed, or armed in such a manner as to constitute a hazard to personnel and/or materiel and may include the safe disposal of explosive items rendered unsafe through damage or de-

terioration. The capabilities may be increased when augmented by detachment AB.

Strength. Off 1 EM 9 Agg 10.

Basis of allocation. Initial planning, 8 per field army, 2 per independent corps, and 8 per theater army logistical command in support of a field army, or 1 per 50,000 troops in a theater of operations. Additional teams as required.

Detachment AB, explosive disposal, augmentation

Capabilities. Provides personnel and heavy equipment to augment the capabilities of detachment AA in performing unusual or extensive operations, such as clearance of areas subjected to saturation bombing or shelling, clearance of burned ammunition dumps, or other explosive disposal operations where additional personnel and heavy equipment may be required. Is not designed to operate independently from detachment AA or AC.

Strength. Off 2 EM 12 Agg 14.

Basis of allocation. Initial planning, one per eight detachments AA, or as otherwise required.

Detachment AC, explosive disposal control

Capabilities. Provides technically qualified personnel for operating an explosive disposal control center which provides a control agency for receipt of explosive incident reports, schedules disposal operations in an assigned area, provides operational control of explosive disposal detachments AA and AB, assists in explosive disposal reconnaissance appraisal, provides technically qualified personnel for nuclear weapons salvage appraisal, receives completion reports on explosive disposal, and transmits and disseminates information of intelligence value to appropriate agencies. Supervises the activities of 8 to 10 explosive disposal detachments AA or AB, TOE 9-510R. May perform emergency disposal mission within equipment capabilities.

Strength. Off 2 EM 6 Agg 8.

Basis of allocation. One per field army, advance or base logistical command, or eight detachments AA and/or AB. Additional teams as required.

Part 2—Ballistic, Technical Service, and Intelligence Detachments

Detachments BA, BB, and BC

Detachment BA, ballistic and technical service

Capabilities. Measures muzzle velocities of all artillery weapons requiring such service; calibrates all types of artillery weapons for velocity error to insure maximum fire effectiveness; renders technical advice relative to the accuracy life of gun and howitzer tubes; and recommends replacement when needed. Is not capable of performing metallography in order to determine the life expectancy of gun and howitzer tubes. Also renders technical advice on ammunition lots to determine their ballistic correctness.

Strength. Off 1 EM 6 Agg 7.

Basis of allocation. To the combat zone or communications zone as directed by the theater commander.

Detachment BB, technical intelligence

Capabilities. Locates, collects, examines, and reports on foreign ordnance materiel for dissemination of data and information to the proper agencies for evaluation, interpretation, and necessary action. Furnishes technical information to immediate commander and higher headquarters.

Strength. Off 1 WO 1 EM 4 Agg 6.

Basis of allocation. One per field army, one per corps; attached to commands as required to accomplish their mission.

Detachment BC, technical intelligence control

Capabilities. Operates a control center for receipt of technical intelligence reports and the evaluation and dissemination of intelligence derived therefrom. Maintains liaison with comparable organizations of other services and with G2.

Strength. Off 3 EM 8 Agg 11.

Basis of allocation. One per field army, or one per six to eight detachments BB as required.

Part 3—Armament Maintenance Detachments

Detachments CA to CF

Detachment CA, heavy air defense artillery repair

Capabilities. Performs field maintenance on heavy air defense artillery pieces and mounts only. Field maintenance of electrical remote control systems must be provided by appropriate fire control or integrated fire control repair detachments (TOE 9-500R, DB; or TOE 9-510R, CC).

Strength. WO 1 EM 8 Agg 9.

Basis of allocation. One per three heavy air defense artillery battalions not otherwise supported for maintenance of heavy air defense artillery weapons.

Detachment CB, heavy air defense artillery repair, augmentation

Capabilities. Augments detachment CA to provide field maintenance support for one additional heavy air defense artillery battalion.

Strength. EM 2.

Basis of allocation. One detachment CB to augment detachment CA for each heavy air defense artillery battalion in excess of three battalions.

Detachment CC, integrated fire control repair M-33

Capabilities. Performs field maintenance on integrated fire control system M-33 used with air defense artillery.

Strength. WO 1 EM 12 Agg 13.

Basis of allocation. One per 12 sets integrated fire control system M-33.

Detachment CD, integrated fire control repair T-38

Capabilities. Performs field maintenance on integrated fire control system T-38 used with air defense artillery.

Strength. WO 1 EM 10 Agg 11.

Basis of allocation. One per 18 sets integrated fire control system T-38.

Detachment CE, integrated fire control repair M-33, augmentation

Capabilities. Augments detachment CC to provide maintenance for each four additional

sets integrated fire control system M-33. Detachment CC to be augmented only once.

Strength. EM 4.

Basis of allocation. One detachment CE to augment detachment CC to provide maintenance for each four additional sets integrated fire control system M-33.

Detachment CF, heavy artillery materiel repair

Capabilities. Performs field maintenance of a specialized nature on the 280-mm gun and associated transport equipment. Provides skills and equipment not organic to existing maintenance units required for the support of this materiel. Maintenance functions not requiring special skills will be performed by the appropriate sections of the maintenance unit to which the detachment is attached.

Strength. WO 1 EM 8 Agg 9.

Basis of allocation. One per field artillery gun battalion, 280-mm; attached to ordnance maintenance units as required.

Part 4—Ammunition Detachment

Detachment DA, ammunition renovation

Capabilities. Inspects and renovates all types of ammunition procured and issued by the Ordnance Corps. The scope of renovation is limited only by the equipment on hand and the capabilities of personnel available. See TM 9-1905 for description of operations performed by this detachment.

Strength. Off 2 EM 63 Agg 65.

Basis of allocation. Normally on the basis of one per six ammunition companies employed within the communications zone. May be assigned to a theater of operations as required.

Part 5—Stock Control Detachments

Detachments EA and EB

Detachment EA, ammunition stock control manual posting

Capabilities. Performs theater stock control of class V supply for a theater of 400,000 troops. Normally operates under supervision of theater ordnance officer. Performs ordnance technical assistance service necessary to accomplish mission of the detachment.

Strength. Off 3 EM 18 Agg 21.

Basis of allocation. One per theater and/or communications zone in support of 400,000 troops in the theater.

Detachment EB, stock control

Capabilities. Performs theater stock control of class II and IV ordnance materiel for a theater in support of 400,000 troops. Normally operates under the supervision of the theater ordnance officer. Performs ordnance technical assistance service necessary to accomplish the mission of the detachment. Must be augmented with an appropriate TOE 29-500D detachment (FA and/or FB) in order to perform its mission.

Strength. Off 6 WO 1 EM 27 Agg 34.

Basis of allocation. One per theater and/or communications zone in support of 400,000 troops.

Part 6—Guided Missile Maintenance Detachments

Detachments FA, FB, FD to FH, F__

Detachment FA, direct support NIKE-AJAX/HERCULES

Capabilities. Provides direct support maintenance in a theater of operations for all non-explosive components of the NIKE-AJAX, NIKE-HERCULES, or NIKE-AJAX/HERCULES missile systems and all ordnance materiel of the missile and ground-guidance, launching, and handling equipment not allied with automotive or conventional mechanical equipment for one NIKE firing battalion. Repairs ordnance user test equipment. Provides technical assistance service and mobile repair teams for repair activities in the battalion or battery operating area. Provides assistance to SASP's by performing serviceability checks, and repairs defective electronic and hydraulic components of missile in storage to insure ready-for-issue conditions. Requisitions, receives, stores, and issues class II and IV repair parts peculiar to the NIKE missile system and provides a maintenance float of selected end items of equipment for direct exchange with using units. Performs organizational maintenance on own basic load of equipment and field

maintenance on detachment tools and test equipment, except for automotive materiel.

Strength. Off 1 WO 2 EM 41 Agg 44.

Basis of allocation. One per air defense artillery missile battalion, NIKE, operating separately, or one per two air defense artillery missile battalions, NIKE, operating in a coordinated defense.

Remarks. This detachment will be replaced by ordnance air defense guided missile direct support company, TOE 9-()P, when published.

Detachment FB, CORPORAL direct support

Capabilities. Performs direct support (field maintenance) and class II and IV repair parts supply for one field artillery missile battalion, CORPORAL, TOE 6-545E. Field maintenance (direct support) will include replacement of assemblies, subassemblies, components, and parts and repair of major items, assemblies, subassemblies, and components. Provides technical assistance service and mobile repair crews for work in the battalion or battery operating area.

Strength. Off 1 WO 1 EM 22 Agg 24.

Basis of allocation. One per field artillery missile battalion. CORPORAL, TOE 6-545E, with the army in the field.

Remarks. This detachment will be replaced by ordnance field artillery guided missile direct support company, TOE 9-()P, when published.

Detachment FD, LACROSSE direct support

Capabilities. Provides direct support maintenance for missiles; missile components; and ground-guidance, test, and handling equipment, except for automotive equipment, for one field artillery missile battalion, LACROSSE, self-propelled. Maintenance will include replacement of components, assemblies, subassemblies, and parts, and repair of components, assemblies, subassemblies, and major items limited only by supply of repair parts, tools, test equipment, and technical ability. Provides technical assistance service and mobile repair crews for on-site maintenance at battery emplacements and performs serviceability checks

of missiles in storage at SASP's. Requisitions, receives, stores, and issues maintenance repair parts and materials, and provides a maintenance float of selected items of equipment peculiar to the LACROSSE system for direct exchange with using units. Provides for evacuation of unserviceable guided missiles.

Strength. Off 1 WO 1 EM 34 Agg 36.

Basis of allocation. One per field artillery missile battalion, LACROSSE, self-propelled, TOE 6-585T.

Remarks. This detachment will be replaced by ordnance field artillery guided missile direct support company, TOE 9-()P, when published.

Detachment FE, HAWK direct support (TOE 9-510T (Tentative))

Capabilities. Provides direct support maintenance for missiles; missile components; and ground-guidance, test, and handling equipment, except for automotive equipment, for one air defense artillery missile battalion, HAWK (mobile) or (semimobile), TOE 44-235T. Maintenance will include the replacement of components, assemblies, subassemblies, and parts and repair of components, assemblies, subassemblies, and major items, limited only by supply of repair parts, tools, test equipment, and technical ability. Provides technical assistance service and mobile repair crews for on-site maintenance at battery emplacements and performs serviceability checks of missiles in storage at SASP's. Receives, stores, and issues class II and IV repair parts peculiar to the HAWK system required for detachment operations and Ord 7 parts for supported firing battalion. Performs organizational maintenance on own basic load of equipment and field maintenance on detachment tools and test equipment, except for automotive materiel.

Strength. Off 1 WO 2 EM 40 Agg 43.

Basis of allocation. One per air defense artillery missile battalion, HAWK (mobile) or (semimobile), TOE 44-235T, with the army in the field.

Remarks. This detachment will be replaced by ordnance air defense guided missile direct

support company, TOE 9-()P, when published.

Detachment FF, LACROSSE general support (TOE 9-510T (Tentative))

Capabilities. Provides general support maintenance for all nonexplosive components of LACROSSE missiles and related ground-guidance, launching, and handling equipment, except automotive equipment. Provides backup support for three to four LACROSSE direct support detachments FD.

Strength. Off 1 WO 1 EM 26 Agg 28.

Basis of allocation. One per three to four LACROSSE direct support detachments FD.

Remarks. This detachment will be replaced by ordnance field artillery guided missile general support company, TOE 9-()P, when published.

Detachment FG, HAWK general support (TOE 9-510T (Tentative))

Capabilities. Provides general support maintenance for all nonexplosive components of the HAWK missile and related ground-guidance, launching, and associated test equipment, except automotive and conventional mechanical equipment. Provides backup maintenance support for three to six HAWK direct support detachments FE.

Strength. Off 1 WO 1 EM 30 Agg 32.

Basis of allocation. One per three to six HAWK direct support detachments FE.

Remarks. This detachment will be replaced by ordnance air defense guided missile general support company, TOE 9-()P, when published.

Detachment FH, HAWK general support, augmentation (TOE 9-510T (Tentative))

Capabilities. Provides general support maintenance capability to HAWK direct support detachment FE for all nonexplosive components of HAWK missiles and related ground-guidance, launching, and associated test equipment, except automotive and other ordnance equipment.

Strength. EM 7.

Basis of allocation. One per HAWK direct support detachment FE, when general support capability is not otherwise provided.

Detachment F—, SERGEANT direct support (TOE 9-510P (Proposed))

Capabilities. Provides direct support maintenance of all ordnance items peculiar to the SERGEANT missile system, excluding explosive components. Provides direct support for one field artillery missile battalion, SERGEANT, TOE 6-()P. Receives, stores, issues, and/or provides direct exchange of assemblies, subassemblies, and authorized parts peculiar to the SERGEANT missile system. When required, performs functional checkout and serviceability verification of containered missile sections (less warhead sections) as scheduled or on a suspect basis within the time frames and amounts required to meet the resupply requirements of the firing batteries. Provides technical assistance and mobile repair crews for limited on-site electronic and electromechanical repair.

Strength. Off 2 WO 1 EM 29 Agg 32.

Basis of allocation. One per field artillery missile battalion, SERGEANT, TOE 6-()P.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

Detachment F—, SERGEANT general support (TOE 9-510P (Proposed))

Capabilities. Provides general support maintenance for all nonexplosive components of the SERGEANT missile system, except automotive equipment. Provides backup maintenance support for three SERGEANT direct support detachments F—.

Strength. Off 1 WO 2 EM 41 Agg 44.

Basis of allocation. One per three SERGEANT direct support detachments F—.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

Part 7—Special Weapons Detachment

Detachment GA, special weapons calibration secondary reference

Capabilities. Provides secondary reference

standards at a single, fixed location to all nuclear weapons secondary transfer calibration standards units in a field army. Is dependent on other units for security, administration, supply, mess, and organizational maintenance.

Strength. WO 1 EM 2 Agg 3.

Basis of allocation. One per theater army logistical command in support of one field army or one per separate theater of operations containing less than one field army. Additional detachments may be desirable in the interests of dispersal and security.

Section V. QUARTERMASTER

10-22D HHD, QM Gp

Mission. To provide technical, operational, and administrative command for attached quartermaster units.

Assignment. To field army, theater army logistical command, or independent corps.

Capabilities. *a.* Provides command, control, staff planning, administration, and supervision of training and operations for attached quartermaster units.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 9 WO 1 EM 24 Agg 34.

Basis of allocation. One per three to eight quartermaster battalions or equivalent.

Mobility. *a.* One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-61T (Tentative) QM Sup and Svc Co, Svc and Sup Gp, US Army MSLCOMD (Mdm)

Mission. *a.* To requisition, maintain, and issue all quartermaster supplies and equipment.

b. To provide limited bath service and graves registration service.

c. To maintain and transport the reserve of quartermaster class I, II, III, and IV supplies.

Assignment. Organic to service and supply group, US Army missile command (medium), TOE 29-311T.

Capabilities. *a.* Provides quartermaster class I, II, III, and IV supplies and equipment.

b. Provides transportation and intransit storage for the reserve of quartermaster supplies and equipment.

c. Provides limited third-echelon maintenance of quartermaster equipment.

d. Provides graves registration service.

e. Provides bath facilities.

f. Provides operating personnel for distributing points and limited mobile filling stations.

g. The unit is operationally self-sufficient, but is dependent on headquarters and headquarters detachment, service and supply group, US Army missile command (medium), TOE 29-312T, for personnel services.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 WO 1 EM 114 Agg 122.

Basis of allocation. One per service and supply group, US Army missile command (medium), TOE 29-311T.

Mobility. Eighty percent mobile.

Remarks. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

10-64P (Proposed) QM CO, Svc and Spt Gp, US Army MSLCOMD (Mdm)

Mission. To provide quartermaster direct support supplies and services and limited third-echelon transport for the US Army missile command (medium).

Assignment. Organic to service and support group, US Army missile command (medium), TOE 29-311P.

Capabilities. *a.* Provides quartermaster direct support supplies and services for a maximum of 7,500 organic and attached troops.

b. Operates a distributing point for the receipt, intransit storage, issue, and/or distribu-

tion of class I, class III, and quartermaster class II and IV supplies.

c. Performs third-echelon maintenance on quartermaster light mechanical equipment, such as typewriters, office machines, burners, heaters, and fire units. Performs limited third-echelon repairs on quartermaster heavy equipment.

d. Provides supported units with repair parts for organizational maintenance of quartermaster equipment.

e. Provides laundry, bath, and clothing exchange services.

f. Provides graves registration service, to include receipt, identification, evacuation, and/or emergency burial of remains.

g. Maintains the reserve of class I, class III, and quartermaster class II and IV supplies.

h. Appropriate bakery and refrigeration teams, when required, will be provided from quartermaster service organization, TOE 10-500R.

i. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 WO 1 EM 117 Agg 126.

Basis of allocation. One per service and support group, US Army missile command (medium), TOE 29-311P.

Mobility. Thirty percent mobile.

Remarks. a. For data concerning vehicles and armament, see table XII.

b. Above data are included for planning purposes only and do not reflect final DA approval.

10-67C QM Svc Co

Mission. To provide military personnel for general labor where security and strict military control are required. This unit may provide necessary guards for prisoners of war when performing general labor under supervision of the Quartermaster Corps, the ratio of guards to prisoners of war varying with the circumstances.

Assignment. To field army or theater army logistical command. Normally attached to

headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. a. This company, platoon, and/or section can operate separately, and when handling assorted supplies, depending on bulk and movement involved, provides:

Unit	Laborers	Capability in tons per hour
Company	128	64
Platoon	32	16
Section	16	8

b. This unit is operationally self-sufficient but is dependent on headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D, for personnel administration and automotive maintenance.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 EM 159 Agg 164.

Basis of allocation. Twenty per field army; in communications zone, allocation may be determined by the following formula:

$$\frac{\text{Tons to be handled}}{\text{Time limit (hours)} \times \text{unit capability}} = \text{Units required.}$$

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

10-77D QM Petrl Sup Co, Mbl

Mission. To provide intransit storage, maintain reserves of, and issue class III supplies.

Assignment. To field army or theater army logistical command and normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. a. Provides class III supply support for a corps or part of the theater of operations as required.

b. Operates from one to four petroleum supply points.

c. Maintains prescribed reserves of class III supplies.

d. Operates limited filling station service.

e. Provides local distribution of class III supplies.

f. The bulk storage and handling equipment authorized the company will provide the following capabilities in gallons for storage, pickup, and delivery of petroleum products:

	Company (gal)	Platoon (gal)
(1) <i>Storage.</i>		
Collapsible tanks (MOGAS) -----	480,000	120,000
Collapsible tanks (AVGAS) -----	24,000	6,000
Collapsible tanks (diesel) -----	12,000	3,000
(2) <i>Pickup and delivery.</i>		
1,200-gallon tank trucks -----	14,400	3,600
5,000-gallon semi- trailers -----	80,000	20,000

g. When authorized the augmentation section (EM 8), drivers are provided for 24-hour operation.

h. This unit is dependent on headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D, for personnel services.

i. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 EM 176 Agg 182.

Basis of allocation. One per corps plus two per field army. In communications zone, when other petroleum supply facilities are not available, 1 per 100,000 individuals.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-105D QM DS Bn

Mission. To provide direct support quartermaster supplies and services and emergency clothing impregnation service.

Assignment. To field army, independent corps, or theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster group, TOE 10-22D.

Capabilities. a. Provides quartermaster direct support supplies and services for approximately 32,000 troops.

b. Operates a maximum of two supply points for issue and/or distribution of class I, class III, and quartermaster class II and IV supplies.

c. Provides direct support field maintenance

for quartermaster equipment and required repair parts supply.

d. Operates salvage collecting points.

e. Provides graves registration service.

f. Provides laundry, bath, and clothing exchange service.

g. Provides prescribed stocks of clothing for issue on an emergency basis to replace contaminated clothing.

h. Provides emergency clothing impregnation service.

i. Individuals of this unit, except chaplain (when authorized), can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 19 WO 4 EM 576 Agg 599.

Basis of allocation. Twelve per type field army. Normally allocated on the basis of three per corps and three per field army or four per corps slice. In the theater army logistical command, 1 per 32,000 troops supported.

Mobility. For mobility of this battalion, see components below.

10-106D HHD, QM DS Bn

Mission. To provide command, administrative, and technical supervision of the quartermaster direct support battalion, TOE 10-105D.

Assignment. Organic to quartermaster direct support battalion, TOE 10-105D.

Capabilities. a. Provides command, control, staff planning, coordination, and supervision of operations, training, and administration of the quartermaster direct support battalion.

b. This unit is dependent on a quartermaster direct support company, TOE 10-107D, for mess and motor maintenance support. When separate mess and motor maintenance facilities are required, personnel and equipment will be provided by composite service organization, TOE 29-500D.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and organizing the defense of its installations against hostile ground attack.

Strength. Off 7 WO 2 EM 22 Agg 31.

Basis of allocation. One per quartermaster direct support battalion, TOE 10-105D.

Mobility. a. Eighty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-107D QM DS Co

Mission. a. To provide direct support quartermaster supplies and services.

b. To provide emergency clothing impregnation service.

Assignment. Organic to quartermaster direct support battalion, TOE 10-105D.

Capabilities. a. Provides quartermaster direct support supplies and services for approximately 16,000 troops.

b. Operates a supply point for the issue and/or distribution of class I and quartermaster class II and IV supplies.

c. Can bake 8,000 pounds of bread daily and provide fresh bread for approximately 16,000 troops, based on normal bread ration of 1/2 pound per man per day.

d. Operates a class III supply point to provide the following:

	Capability in gallons
(1) <i>Storage:</i>	
Collapsible tanks	
(10,000 gallons) -----	90,000
Collapsible tanks	
(3,000 gallons) -----	9,000
(2) <i>Local delivery</i> (2 trips—75 percent availability of vehicles):	
1,200-gallon tank trucks	
(5 ea) -----	9,000
5,000-gallon tank trucks	
(4 ea) -----	30,000
(3) <i>Bulk reduction</i> to augment the capabilities of supported units when required.	

e. Operates a salvage collecting point.

f. Performs field maintenance (third and fourth echelon) on all quartermaster light equipment, except quartermaster air-type equipment, and limited field maintenance (third echelon) on quartermaster heavy equipment.

(1) Provides mobile contact repair teams.

(2) Provides supported units with organizational repair parts and maintenance

operating supplies for maintenance of quartermaster equipment.

g. Provides laundry and bath and clothing exchange services. Maintains prescribed stocks of clothing for issue on an emergency basis to replace contaminated clothing.

h. Provides graves registration service.

i. Provides emergency clothing impregnation service.

j. Augmentation (Off 1 EM 22), when authorized, provides weekly bulk clothing exchange for one division and for bath units organic to supported division and permits the company to transport 100 percent of its personnel, organizational equipment, and repair parts with organic vehicles. Drivers have been included to provide for 24-hour operation.

k. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 WO 1 EM 277 Agg 284.

Basis of allocation. Two per quartermaster direct support battalion, TOE 10-105D.

Mobility. a. Seventy-five percent mobile.

b. One hundred percent mobile when augmentation is authorized.

c. One hundred percent air-transportable in medium transport aircraft.

10-127R QM Parts Co

Mission. To provide stock control and storage of repair parts for the repair of all quartermaster mechanical equipment.

Assignment. To field army or theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. This company can normally handle the repair parts requirements of a depot having a support capacity of 400,000 troops.

Strength. Off 3 EM 125 Agg 128.

Basis of allocation. One per field army. In theater army logistical command, normally 1 per 400,000 troops supported. Assignment of additional companies will be dependent on geographical conditions or length of lines of communications.

Mobility. Fixed.

10-147D QM Bkry Co

Mission. To bake and provide fresh bread for troops in the field.

Assignment. To field army or theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. a. The company and/or platoon may operate separately and is capable of supporting 92,400 troops when operating two 10-hour shifts per day, based on 8 ounces of bread per individual per day in accordance with the following:

Unit	Bread baked per day (two 10-hour shifts)	Approximate number of troops supported (bread allowance per individual per day—8 oz)
Company	46,200 lb	92,400
Platoon	15,400 lb	30,800

b. The unit will be responsible for the pickup of operating supplies from and the delivery of fresh bread to distributing points when the roundtrip time does not exceed 10 hours.

c. Capabilities may be increased approximately 12 percent when the unit is operating in semifixed locations or when unit movement is at a minimum.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 EM 141 Agg 145.

Basis of allocation. One per corps and one per field army. In communications zone, or when other bakery facilities are not available, allocation may be as indicated in capabilities above.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-157D QM Sales Co

Mission. a. To sell merchandise and personal items (retail) on a nonprofit basis to authorized personnel in the field.

b. To provide unit post exchanges with merchandise and personal items for resale when such items are not issued gratuitously or otherwise available through Army-Air Force exchange service facilities.

Assignment. To field army or theater army logistical command and normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. a. This unit has the following capabilities:

Element	Troops supported based on once-a-week service	
	Retail	Wholesale
Company	200,800	1,004,000
Mobile sales platoon	172,800	864,000
(mobile sales section)	43,200	216,000
Supply platoon (sales section)	28,000	140,000

b. Each mobile sales section can operate from one to four mobile sales stores.

c. When wholesale support is provided—

(1) Labor required for loading and unloading supplies must be furnished by the quartermaster service company, TOE 10-67C, or from other labor sources.

(2) Supplemental transportation required for distribution of sales supplies will be provided from Army transportation sources.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 3 WO 4 EM 108 Agg 115.

Basis of allocation. As required in conformance with capabilities above.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-167D QM Ldry Co

Mission. To provide laundry field service to individuals or reclamation installations and a limited amount of service for the decontamination of clothing and equipment.

Assignment. To field army or theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. a. The company, platoon, and/or section may operate separately and, on a two 10-hour shift basis, is capable of providing the following laundry service weekly:

Unit	Lb laundered	Bulk service (5½ lb each)	Troops supported	
			Reclamation or expectancy (¾ lb each)	When augmented, bundle service (5½ lb each)
Company	228,400	41,500	342,600	32,800
Platoon	57,100	10,400	85,650	8,200
Section	28,550	5,200	42,825	4,100

b. Above capabilities may be increased by approximately 12 percent when operating in semifixed locations or when unit movement is at a minimum.

c. The augmentation section (EM 40) provides personnel to augment the eight laundry sections when individual bundle service is performed.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 EM 197 Agg 202.

Basis of allocation. Two per corps plus two per field army. In communications zone, allocation may be as indicated in capabilities above.

Mobility. a. Twenty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-187D QM Salv Co

Mission. To provide for receipt, basic classification, and supervision of evacuation of all classes of salvage.

Assignment. To field army and theater army logistical command as required. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. Receives, classifies, and supervises evacuation of salvage quartermaster items for a force of approximately 100,000. Receives and disposes of scrap and discarded items from other technical services. Operates from one to six salvage points.

Strength. Off 3 EM 159 Agg 162.

Basis of allocation. One per field army and one per corps; theater army logistical command as required.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-197C QM Subs Sup Co

Mission. To provide for receipt, temporary storage, breakdown, and issue of quartermaster subsistence items.

Assignment. To field army, independent corps, or theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. Company may operate from one to six quartermaster subsistence supply points; is capable of separate operation, serving number of individuals as follows:

Company	100,000
Each platoon	50,000
Each section	15,000

Strength. Off 5 EM 184 Agg 189.

Basis of allocation. One per corps and one per field army.

Mobility. a. Twenty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-201D HQ & HQ Co, QM POLIS

Mission. a. To plan, control, and supervise the operation and maintenance of all intersectional military petroleum distribution systems in a theater of operations.

b. To command assigned and/or attached units.

Assignment. Normally assigned to theater army logistical command. May be assigned to a field army or higher headquarters for petroleum logistical planning and coordination prior to the establishment of a communications zone.

Capabilities. a. Plans, controls, and supervises the supply of bulk petroleum products to theater army and such other forces as directed.

b. Commands two or more quartermaster petroleum groups and other attached units engaged in the operation and maintenance of all intersectional military petroleum distribution systems in a theater of operations.

c. Coordinates the movement of bulk petroleum products by means other than pipeline.

d. Security forces required to protect petroleum terminal and other facilities from guer-

rilla activity, destruction, sabotage, or pilferage may be attached or provided by the area commander in which the facilities are located.

e. Light military aircraft are provided for command, staff supervision, liaison, pipeline inspection, and reconnaissance.

Strength. Off 32 WO 5 EM 89 Agg 126.

Basis of allocation. One per two or more quartermaster petroleum groups or as required in the theater of operations.

Mobility. a. Thirty-five percent mobile. Six additional 21½-ton cargo trucks are required to move this unit in one lift.

b. One hundred percent air-transportable in medium transport aircraft.

10-202D HQ & HQ Co, QM Petrl Gp

Mission. a. To plan, control, and supervise the operation and maintenance of a single intersectional military petroleum distribution system or several separate systems.

b. To command assigned and/or attached units.

Assignment. To theater army logistical command. Normally attached to headquarters and headquarters company, quartermaster petroleum intersectional service, TOE 10-201D. May be assigned to a field army or higher headquarters for petroleum logistical planning and coordination prior to the establishment of a communications zone.

Capabilities. a. Provides command, administrative, technical, and operational supervision for two or more quartermaster petroleum operating battalions and other attached units required for the operation and maintenance of a single intersectional military petroleum distribution system or several separate systems.

b. Conducts operational planning for the development and extension of the system(s) controlled.

c. Operates on a 24-hour basis.

d. Security forces required to protect petroleum terminal and other facilities from guerrilla activity, destruction, sabotage, or pilferage may be attached or provided by the area commander in which the facilities are located.

e. Light military aircraft are provided for command, staff supervision, liaison, pipeline inspection, and reconnaissance.

Strength. Off 15 WO 4 EM 57 Agg 76.

Basis of allocation. a. One per single intersectional military petroleum distribution system operated by two or more quartermaster petroleum operating battalions.

b. One per two to five separate military petroleum distribution systems, each operated by a quartermaster petroleum operating battalion.

c. As required in the theater of operations for petroleum logistical planning.

Mobility. a. Fifty percent mobile. Four additional 21½-ton cargo trucks are required to move this unit in one lift.

b. One hundred percent air-transportable in medium transport aircraft.

10-206D HQ & HQ Co, QM Petrl Op Bn

Mission. To command assigned and/or attached units required for the operation and maintenance of an intersectional military petroleum distribution system.

Assignment. To theater army logistical command. Normally attached to headquarters and headquarters company, quartermaster petroleum group, TOE 10-202D. May be assigned to a field army or higher headquarters for petroleum logistical planning and coordination prior to the establishment of a communications zone.

Capabilities. a. Commands two to five quartermaster petroleum depot companies and other attached units.

b. Plans, controls, and supervises the operation and maintenance of an intersectional military petroleum distribution system which may consist of up to approximately 725 kilometers (450 miles) of multiproduct petroleum pipelines and related terminal facilities.

c. Operates a central dispatching agency to schedule and direct the flow of petroleum products through the pipeline.

d. Coordinates the movement of bulk petroleum products by means other than pipeline.

e. Conducts operational planning for the de-

PART II

velopment and extension of a petroleum distribution system.

f. Operates on a 24-hour basis.

g. Security forces required to protect petroleum terminal and other facilities from guerilla activity, destruction, sabotage, or pilferage may be attached or provided by the area commander in which the facilities are located.

h. Light military aircraft are provided for command, staff supervision, liaison, pipeline inspection, and reconnaissance.

Strength. Off 15 WO 4 EM 62 Agg 81.

Basis of allocation. One per petroleum distribution system operated by two to five quartermaster petroleum depot companies, and as required in the theater of operations.

Mobility. a. Fifty percent mobile. Four additional 2½-ton cargo trucks are required to move this unit in one lift.

b. One hundred percent air-transportable in medium transport aircraft.

10-227D QM Clo and Gen Sup Dep Co

Mission. To provide administrative and technical personnel for the operation of a quartermaster clothing and general supplies depot.

Assignment. To field army or theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. a. When labor is furnished by one quartermaster service company, TOE 10-67C, or its equivalent from other sources, for each 500 to 600 tons of incoming or outgoing clothing and/or general supplies handled daily, this unit is capable of receiving, storing, and supervising the distribution of bulk quartermaster clothing and general supplies to supply points.

b. This company can support approximately 400,000 individuals.

Strength. Off 6 WO 1 EM 181 Agg 188.

Basis of allocation. One per field army. In theater army logistical command, normally 1 per 400,000 individuals supported. Assignment of additional companies will be dependent on

geographical conditions and/or length of lines of communications.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

10-247C QM Reefer Co

Mission. To provide for the preservation and delivery of perishable items from subsistence depots to subsistence supply points.

Assignment. To field army or theater army logistical command and normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. This company, platoon, and/or section can operate separately and, based on 5,625 pounds of balanced perishable subsistence per vehicle, provides distribution of subsistence requiring mobile refrigeration as follows:

Company	270,000 pounds
Platoon	90,000 pounds
Section	22,500 pounds

Strength. Off 4 EM 125 Agg 129.

Basis of allocation. Refrigerated subsistence support provided by this unit will vary in direct proportion to weight of the perishable ration authorized. Based on a ¾-pound refrigerated perishable ration component, 1 per field army; in the communications zone, 1 per 360,000 individuals.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

10-257D QM Clo Exch and Bath Co

Mission. To provide clothing exchange and bathing facilities to troops in the field.

Assignment. To field army and theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. a. This company is capable of serving 10,500 individuals per day. Each platoon is capable of operating separately and of serving 5,250 individuals per day.

b. Individuals of this unit can fight as infantrymen when required. The unit has the

capability of defending itself and its installations against hostile ground attack.

Strength. Off 3 EM 99 Agg 102.

Basis of allocation. One per corps and one per field army. One per 100,000 troops in communications zone when other bath facilities are not available.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-297D QM GRREG Co

Mission. To receive and/or conduct search for, recover, and evacuate deceased personnel subject to military jurisdiction to a temporary cemetery. To verify and/or establish identification and accomplish burial of such deceased. To establish, operate, and maintain cemeteries. To prepare and maintain all burial records. To provide for the collection, inventory, and disposition of personal effects received with remains.

Assignment. To field army, independent corps, or theater army logistical command as required. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. a. Serves a force of 100,000. Each platoon is capable of operating separately, serving a force of 25,000. Military labor as required will be furnished by TOE 10-67C or from other sources.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 EM 148 Agg 153.

Basis of allocation. One per field army and one per corps and as required in theater army logistical command.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-347D QM Fld Maint Co, DS

Mission. a. To provide field maintenance for quartermaster light equipment, limited field

maintenance for quartermaster heavy equipment, and organizational maintenance for quartermaster air-type equipment.

b. To provide organizational repair parts and selected end items of equipment for direct exchange with using units.

c. To provide parachute packing and organizational maintenance for quartermaster air-type equipment used in Army aircraft.

Assignment. To corps, field army, or theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. a. Performs field maintenance (third and fourth echelon) on all quartermaster light equipment, except quartermaster air-type equipment, and limited field maintenance (third echelon) on quartermaster heavy equipment for units assigned.

b. Performs parachute packing and organizational maintenance on quartermaster air-type equipment utilized in Army aircraft.

c. Provides mobile repair teams to perform on-site maintenance on quartermaster equipment indicated in a, above.

d. Requisitions, receives, stores, and issues maintenance repair parts and materials, and provides a maintenance float of selected end items of quartermaster equipment for direct exchange with using units.

e. Provides maintenance support for quartermaster equipment for approximately 100,000 troops when backup support is provided by the quartermaster field maintenance company, general support, TOE 10-348D.

f. When required, laundry service for support of reclamation will be provided by quartermaster laundry company, TOE 10-167D.

g. The parachute packing and maintenance section and each operating platoon are capable of operating independently when provided administration, messing facilities, repair parts, and operational supply support.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 WO 2 EM 235 Agg 243.

Basis of allocation. One per corps and one per field army. In theater army logistical command, one per approximately 100,000 troops supported.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-348D QM Fld Maint Co, GS

Mission. a. To provide field maintenance for quartermaster heavy equipment.

b. To absorb the quartermaster field maintenance overflow from quartermaster direct support field maintenance companies.

c. To provide stock accounting and stock control for organizational and field maintenance repair parts, materials, and selected end items of quartermaster equipment stocked for support of quartermaster maintenance activities.

d. To provide parachute packing and organizational maintenance for quartermaster air-type equipment used in Army aircraft.

Assignment. To field army, independent corps, or theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. a. Performs field maintenance (fourth echelon) on quartermaster heavy equipment and provides field maintenance (third and fourth echelon) for quartermaster items in support of quartermaster direct support field maintenance companies.

b. When required, provides mobile repair teams for on-site maintenance of quartermaster equipment, to include office machines, materials-handling equipment, special-purpose equipment, and special-purpose vehicles.

c. Requisitions, receives, stores, and issues maintenance repair parts and materials and provides selected end items of quartermaster equipment for direct exchange with supported units.

d. Provides maintenance backup service for approximately 400,000 troops when supporting 4 quartermaster field maintenance companies, direct support, TOE 10-347D.

e. The parachute packing and maintenance section provides parachute packing and organizational maintenance for quartermaster air-type equipment utilized in Army aircraft.

f. When required, laundry service for support of reclamation will be provided by quartermaster laundry company, TOE 10-167D.

g. The parachute packing and maintenance section and each operating platoon are capable of operating independently when provided administration, messing facilities, repair parts, and operational supply support.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 WO 2 EM 207 Agg 213.

Basis of allocation. One per field army or one per four quartermaster field maintenance direct support companies. As required in communications zone for support of quartermaster heavy equipment.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-349D QM Equip Maint Co

Mission. To provide field maintenance and overhaul for all quartermaster materiel, excluding quartermaster air-type equipment.

Assignment. To theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. a. Provides backup support for quartermaster field maintenance units and may perform overhaul of assemblies and subassemblies, if required and as authorized, for approximately 200,000 troops.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 WO 1 EM 221 Agg 230.

Basis of allocation. One per 200,000 theater army troops.

Mobility. Fixed.

10-357C QM Subs Dep Co

Mission. To provide administrative and technical personnel for the operation of a quartermaster subsistence depot.

Assignment. To field army or theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. *a.* When labor is furnished by one quartermaster service company, TOE 10-67C, or its equivalent from other sources, for each 500 to 600 tons of incoming or outgoing subsistence handled daily, this unit is capable of receiving, storing, and supervising the distribution of bulk subsistence supplies to supply points.

b. This company can support approximately 400,000 individuals, and each operating platoon can support approximately 100,000 individuals.

c. Requirements for refrigeration are based on 1 cubic foot per 32 pounds of perishables to be stored.

d. Provision for the inspection of meat, meat food, dairy, poultry, marine products, fresh fruits, and vegetables will be provided through the attachment of an appropriate veterinary food inspection detachment from TOE 8-500C.

Strength. Off 6 WO 1 EM 180 Agg 187.

Basis of allocation. One per field army. In theater army logistical command, normally 1 per 400,000 individuals supported. Assignment of additional companies will be dependent on geographical conditions and/or length of lines of communications.

Mobility. *a.* Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

10-367C QM Sup Dep Co

Mission. To provide administrative and technical personnel for the operation of a quartermaster depot handling all classes of quartermaster supplies.

Assignment. Normally to theater army logistical command. May be attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D, or other appropriate headquarters.

Capabilities. *a.* When augmented by personnel from quartermaster service companies, TOE 10-67C, or equivalent from other labor sources, depending on workloads imposed by varying stock levels, this company is capable of—

- (1) Receiving, storing, and supervising the distribution of all classes of quartermaster supplies to supply points.
- (2) Maintaining a reserve stockage of all classes of quartermaster supplies equivalent to established operating levels for 50,000 individuals.

b. When further augmented with appropriate personnel from other technical services, can perform the operating functions of a small general depot for the support of 35,000 individuals.

c. The augmentation section (EM 40), when authorized by the Department of the Army, doubles the capacity indicated in *a* and *b*, above.

Strength. Off 2 WO 2 EM 92 Agg 96.

Basis of allocation. To be used only when other than normal depot organizations are required as follows:

a. One per 50,000 individuals when operating as a quartermaster depot.

b. One per 35,000 individuals when operating as a small general depot.

Mobility. Fixed.

10-377D QM Petr! Dep Co

Mission. To operate military petroleum terminal and pipeline facilities and to accomplish local distribution of petroleum products.

Assignment. To theater army logistical command or field army. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D, or to a quartermaster petroleum intersectional service.

Capabilities. *a.* Provides for receipt, storage, bulk transfer, issue, and distribution of bulk and packaged petroleum products.

b. Maintains a reserve of gasoline in containers and packaged lubricants as required.

c. Accomplishes all of the following when operating on two 10-hour shifts per day:

FM 101-10
PART II

	Company	Platoon
Operates bulk petroleum storage facilities with maximum capacities of	1,000,000 bbl	500,000 bbl
Filling:		
Can, gasoline, 5-gallon	5,000	2,500
or		
Drum, 55-gallon	500	250
Cleaning:		
Can, gasoline, 5-gallon	1,000	500
or		
Drum, 55-gallon	100	50
Provides local bulk delivery via organic tank trucks (2 round trips per day, with 75 percent vehicle availability)	104,000 gal	52,000 gal
Ships by barge, tank car, or tank truck (not including local delivery)	500,000 gal	250,000 gal

d. Ships approximately 25,000 barrels per day through an 8-inch multiproduct pipeline or approximately 14,000 barrels per day through a 6-inch multiproduct pipeline by operating six pumping stations. On level terrain, this constitutes the operation of approximately 145 kilometers (90 miles) of pipeline.

e. When augmented by one additional pipeline platoon (Off 1 EM 32), the unit may operate on level terrain an additional 72 kilometers (45 miles) of pipeline.

f. When augmented by one additional terminal operating platoon (Off 1 EM 63), the unit may operate one additional petroleum terminal. When augmented by one quartermaster service company, TOE 10-67C, or an equivalent amount of labor from other labor sources, the unit has the following packaged products handling capabilities:

	Company		Platoon	
	Capacity	Men required	Capacity	Men required
Filling:				
Can, gasoline, 5-gallon	50,000	100	25,000	50
or				
Drum, 55-gallon	5,000	100	2,500	50
Cleaning:				
Can, gasoline, 5-gallon	10,000	10	5,000	5
or				
Drum, 55-gallon	1,000	10	500	5

	Company		Platoon	
	Capacity	Men required	Capacity	Men required
Receives or issues packaged grease, oil, and lubricants	70	14	35	7
	STON		STON	

g. The unit is dependent on TOE 5-500C for firefighting teams, as required; TOE 55-500R for a utility boat and crew when located at a water terminal; and on aviation units for aircraft required to patrol the pipeline.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack. When local security requirements exceed the capabilities of the unit, additional security forces will be provided by the area commander, as required, to protect isolated petroleum terminal and pipeline facilities from guerrilla activity, destruction, sabotage, or pilferage.

Strength. Off 10 WO 2 EM 259 Agg 271.

Basis of allocation. a. One per field army.

b. As required in communications zone.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-407D QM Aerial Sup Co

Mission. To provide parachute packing, temporary storage, and rigging of supplies and equipment for aerial delivery by Army, Air Force, and/or other Service aircraft. To provide parachutists to assist in the recovery and evacuation of parachutes and allied equipment as required.

Assignment. To field army, theater army, logistical command, or independent corps; attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. a. Requisitions, receives, stores, and prepares (to include packing of parachutes and rigging of loads) 150 tons daily of selected items of all classes of supplies and equipment for aerial delivery by parachute or free fall.

b. Maintains prescribed levels of quartermaster air-type equipment and selected items of all classes of supplies and equipment required for aerial delivery operations.

c. Performs organizational maintenance of quartermaster air-type equipment.

d. Assists, as required, in the loading of supplies in aircraft and the ejection of supplies to be delivered by parachute or free fall from aircraft in flight.

e. This unit is dependent on headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D, for personnel services.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 WO 6 EM 203 Agg 215.

Basis of allocation. As required for the aerial delivery of supplies.

Mobility. a. Ten percent mobile.

b. One hundred percent air-transportable in medium transport aircraft, except for forklift trucks.

10-417D QM Air Equip Rep and Dep Co

Mission. To establish and operate a quartermaster depot for supply, field maintenance, and reclamation of quartermaster air-type equipment.

Assignment. To field army, independent corps, or theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. a. Receives, classifies, and performs field maintenance on quartermaster air-type equipment in support of one airborne division or one quartermaster aerial supply company, TOE 10-407D.

b. Requisitions, receives, stores, and issues quartermaster air-type equipment.

c. When necessary, supplements the parachute packing and maintenance activities of other units engaged in aerial delivery of personnel and equipment.

d. Performs field maintenance on quarter-

master air-type equipment utilized in Army aircraft.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 3 WO 5 EM 141 Agg 149.

Basis of allocation. a. One per airborne force equivalent to an airborne division, TOE 55-57D.

b. One per quartermaster aerial supply company, TOE 10-407D.

Mobility. Fixed.

10-427C QM Mech and Metal Rep Co

Mission. To provide depot repair for quartermaster mechanical and metal items of equipment in a fixed installation.

Assignment. To theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. When labor personnel are furnished by TOE 10-67C, appropriate labor detachments of TOE 10-500R, or from other labor sources, this unit is capable of—

a. Receiving, classifying, and performing depot repair and maintenance for a force of approximately 200,000.

b. Being augmented by two augmentation sections. Each augmentation section (WO 1 EM 45), when authorized by the Department of the Army, can support an additional 100,000 troops.

c. Being further augmented by personnel and equipment from appropriate detachments of quartermaster service organization, TOE 10-500R, when additional operational specialists are required.

Strength. Off 2 WO 2 EM 118 Agg 122.

Basis of allocation. One per field army when augmented by two augmentation sections.

Mobility. Fixed.

10-437R QM Clo and Tex Rep Co

Mission. To provide depot repair for clothing, textiles, and shoes in a fixed installation.

Assignment. To theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. When labor personnel are furnished by TOE 10-67C, or appropriate labor detachments of TOE 10-500R, or from other labor sources, this unit is capable of—

a. Receiving, classifying, and performing depot repair and maintenance for a force of approximately 200,000, when supplemented by the following specialists: 70 shoe repairmen, 70 sewing machine operators, 20 resizers and processors, 14 salvage handlers, 2 warehousemen, 2 tumblermen, and 2 washmen.

b. Being augmented by two augmentation sections. Each augmentation section (Off 1 EM 18), when authorized by the Department of the Army, can support an additional 100,000 troops when supplemented by the following specialists: 35 shoe repairmen, 35 sewing machine operators, 10 resizers and processors, 2 tumblermen, and 2 washmen.

c. Being further augmented by personnel and equipment from appropriate detachments of quartermaster service organization, TOE 10-500R, when additional operational specialists are required.

Strength. Off 2 WO 2 EM 72 Agg 76.

Basis of allocation. One per field army when augmented by two augmentation sections.

Mobility. Fixed.

10-445D QM GS Bn

Mission. To provide general support quartermaster supplies and services.

Assignment. To field army or independent corps. Normally attached to headquarters and headquarters detachment, quartermaster group, TOE 10-22D.

Capabilities. a. Provides quartermaster supplies and services (general support) for approximately 130,000 troops.

b. Provides class I and quartermaster class II and IV depot supply facilities and distribution of perishable subsistence.

c. Provides petroleum storage facilities and

is capable of operating permanent or semifixed bulk storage facilities. Provides for local distribution of bulk petroleum products, using organic tank trucks.

d. Provides general support field maintenance on quartermaster equipment and required repair parts supply support and provides packing and organizational maintenance for parachutes utilized in Army aircraft.

e. Provides prescribed reserves of quartermaster supplies.

f. Provides salvage collecting facilities.

g. Establishes, operates, and maintains a temporary military cemetery.

h. Provides labor personnel required to support quartermaster general support operations.

i. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 35 WO 5 EM 1,025 Agg 1,065.

Basis of allocation. Three per type field army.

Mobility. For mobility of this battalion, see components below.

10-446D HHD, QM GS Bn

Mission. To provide command, administrative, and technical supervision of the quartermaster general support battalion.

Assignment. Organic to quartermaster general support battalion, TOE 10-445D.

Capabilities. a. Provides command, control, staff planning, coordination, and supervision of operations, training, and administration of the quartermaster general support battalion.

b. When augmented, the unit will have the increased capability of operating separately. To be included only by specific authorization of the Department of the Army.

c. This unit is dependent on quartermaster field depot company, TOE 10-447D, for mess and motor maintenance support. When separate mess and motor maintenance facilities are required, personnel and equipment will be provided by teams from composite service organization, TOE 29-500D.

d. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and organizing the defense of its installations against hostile ground attack.

Strength. Off 8 WO 2 EM 24 Agg 34.

Basis of allocation. One per quartermaster general support battalion, TOE 10-445D.

Mobility. a. Eighty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-447D QM Fld Dep Co

Mission. To establish and operate a quartermaster depot for the storage and distribution of all classes of quartermaster supplies, excluding repair parts, maintenance operating supplies, and quartermaster air-type equipment.

Assignment. Organic to quartermaster general support battalion, TOE 10-445D.

Capabilities. a. Provides administrative and technical personnel to establish and supervise the operation of a quartermaster depot for the requisitioning, receipt, storage, issue, and/or distribution of class I, class III, and all quartermaster class II and IV supplies, except repair parts, maintenance operating supplies, and quartermaster air-type equipment.

b. Maintains prescribed reserves of class I, class III, and quartermaster class II and IV supplies.

c. Is capable of receiving, storing, and issuing supplies for approximately 130,000 troops, when labor required to support depot storage and distribution operations is furnished by quartermaster service company, TOE 10-449D, or from other sources. The following guide may be used to estimate labor requirements:

(1) *Quartermaster service companies, TOE 10-449D:*

$$\frac{\text{Tonnage to be handled} \times \text{number of handlings}}{\text{Time limit (hours)} \times \text{capacity per co-plat-sec (tons/hour)}} \\ = \text{Quartermaster service companies, platoons, or sections required.}$$

(2) *Personnel (US military):*

$$\frac{\text{Tonnage to be handled} \times \text{number of handlings}}{\text{Time limit (hours)} \times 0.5 \text{ tons/man/hour}} \\ = \text{Number personnel required.}$$

d. Provides refrigerated warehouse storage space on the basis of 1 cubic foot per 32 pounds of perishables to be stored.

e. Provides daily distribution of subsistence requiring mobile refrigeration, based on a 3/4-pound refrigerated perishable ration component and 75 percent vehicle availability. Each 7 1/2-ton refrigerated semitrailer carries approximately 3 tons of balanced perishables.

Element	Quantity (tons)	Troops supported
Refrigeration platoon	50	132,000
Operating section	25	66,000

f. Operating on two 10-hour shifts per day, has the following petroleum handling capabilities:

- (1) When provided permanent or semi-fixed bulk petroleum storage and loading facilities:
 - (a) Stores a maximum of 80,000 barrels of bulk petroleum.
 - (b) Ships a maximum of 500,000 gallons of bulk petroleum per day by barge, tank car, or tank truck, not including local delivery.
- (2) Based on two round trips per day, with 75 percent vehicle availability, provides for local delivery of 52,000 gallons of bulk petroleum products via organic tank trucks.
- (3) Using organic collapsible fabric tanks, provides storage for 120,000 gallons of bulk petroleum products.
- (4) Performs petroleum container cleaning and filling operations as required. Additional labor is required when substantial amounts of packaged products are handled.

g. Appropriate veterinary food inspection teams required for the inspection of meat, meat food, dairy, poultry, marine products, fresh fruits, and vegetables will be provided by medical service organization, TOE 8-500C.

h. Appropriate firefighting teams will be provided by teams from the engineer service organization, TOE 5-500C.

i. When augmented (Off 1 EM 26), the unit will have the increased capability of operating separately. Drivers are included to provide for 24-hour operation. To be included only by spe-

cific authorization of the Department of the Army.

j. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 WO 1 EM 261 Agg 268.

Basis of allocation. One per quartermaster general support battalion, TOE 10-445D.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

10-448D QM Fld Maint and Svc Co

Mission. a. To provide field maintenance (fourth echelon) for quartermaster heavy equipment.

b. To absorb the quartermaster field maintenance overflow from quartermaster direct support companies.

c. To establish, operate, and maintain a temporary military cemetery.

d. To receive, classify, and supervise the evacuation of all classes of salvage.

e. To provide reclamation laundry service.

f. To provide parachute packing and organizational maintenance for quartermaster air-type equipment used in Army aircraft.

Assignment. a. Organic to quartermaster general support battalion, TOE 10-445D, or separate company as required.

b. To theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. a. Performs field maintenance (fourth echelon) on quartermaster heavy equipment, such as materials-handling equipment, special-purpose vehicles, and special-purpose equipment.

b. Provides maintenance (third and fourth echelon) backup support for approximately 130,000 troops when supporting 4 quartermaster direct support battalions.

c. Provides, when required, contact repair teams for on-site maintenance of quartermaster

equipment, to include office machines, materials-handling equipment, special-purpose vehicles, and special-purpose equipment.

d. Requisitions, receives, stores, and issues quartermaster organizational and field maintenance repair parts and maintenance operating supplies and provides selected end-items of quartermaster equipment for direct exchange with supported units.

e. Operates a salvage collecting point for receipt, classification, and supervision of evacuation of salvage quartermaster items. Receives and disposes of scrap and discarded items from other technical services.

f. Provides reclamation laundry service.

g. Provides parachute packing and organizational maintenance for quartermaster air-type equipment used in Army aircraft.

h. Establishes, operates, and maintains a temporary military cemetery.

(1) Receives remains of deceased military personnel and other personnel, as authorized or circumstances require, and establishes and/or confirms identification of such remains.

(2) Conducts appropriate burial services, supervises the interment of remains, and prepares and maintains required burial records.

(3) Collects, inventories, records, and makes disposition of personal effects accompanying remains.

i. This unit is dependent on quartermaster service company, TOE 10-449D, or other sources for personnel required for tonnage handling and cemetery operations. The following guide may be used to estimate supplemental (US military personnel) requirements:

(1) *Supply and service platoon:*

$$\frac{\text{Tonnage to be handled} \times \text{number of handlings}}{\text{Time limit (hours)} \times 0.5 \text{ ton/man/hours}} = \text{Personnel required.}$$

(2) *Cemetery platoon:*

Activity	Allocation of personnel
Receipt and intra-area movement of remains.	2 per 100 remains received daily.
Opening and closing graves and assisting in burial of remains.	1 per 4 remains to be processed and interred daily.
Caretaking and maintenance of cemetery and burial plots.	1 per 300 graves to be maintained.

j. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 WO 2 EM 260 Agg 268.

Basis of allocation. One per quartermaster general support battalion, TOE 10-445D. In the theater army logistical command, may be employed separately and is normally allocated on the basis of 1 per 130,000 troops supported.

Mobility. a. Fifty percent mobile when organic to quartermaster general support battalion, TOE 10-445D.

b. Twenty-five percent mobile when organized as a separate company.

c. One hundred percent air-transportable in medium transport aircraft.

10-449D QM Svc Co

Mission. To provide military personnel for general duty where security and strict military control are required. The unit may provide necessary guards for prisoners of war when performing general duty under supervision of the Quartermaster Corps, the ratio of guards to prisoners of war varying with the circumstances.

Assignment. a. Organic to quartermaster general support battalion, TOE 10-445D.

b. To theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D.

Capabilities. a. When handling assorted supplies, depending on bulk and movement involved, provides the following tonnage handling capabilities:

Unit	Personnel	Capability in tons per hour
Company	128	64
Platoon	32	16
Section	16	8

b. Each platoon and/or section can operate separately when provided administrative and logistical support.

c. This unit is dependent on the unit to which attached or assigned for personnel administration, motor maintenance, and supplemental transportation.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 EM 160 Agg 165.

Basis of allocation. a. Three per quartermaster general support battalion, TOE 10-445D.

b. Separate company as required in the communications zone. Allocation may be determined by the following formula:

$$\frac{\text{Tons to be handled}}{\text{Time limit (hours)} \times \text{unit capability}} = \text{Units required.}$$

Mobility. a. Fifty percent mobile when organic to quartermaster general support battalion, TOE 10-445D.

b. Ten percent mobile when organized as a separate company.

c. One hundred percent air-transportable in medium transport aircraft.

10-467D QM Sup Dep Co

Mission. To establish and operate a quartermaster depot for the storage and distribution of class I, class III (greases, oils, and lubricants), and all quartermaster class II and IV supplies, excluding quartermaster air-type equipment.

Assignment. To theater army logistical command. Normally attached to headquarters and headquarters detachment, quartermaster battalion, TOE 10-536D; or headquarters and headquarters company, quartermaster depot, TOE 10-521D.

Capabilities. a. Provides administrative and technical personnel to establish and supervise the operation of a quartermaster depot for the requisitioning, receipt, storage, issue, and/or distribution of class I, class III (greases, oils, and lubricants), and all quartermaster class II and IV supplies, excluding quartermaster air-type equipment.

b. Maintains prescribed reserves of class I, class III (greases, oils, and lubricants), and all quartermaster class II and IV supplies, excluding quartermaster air-type equipment.

c. Can operate either a base logistical command or advance logistical command quartermaster depot or a quartermaster portion of a

general depot in support of a corps force, when personnel required to support depot storage and distribution operations is furnished by quartermaster service company. TOE 10-449D, or from other sources. The following guide may be used to estimate personnel requirements:

(1) *Quartermaster service companies, TOE 10-449D:*

$$\frac{\text{Tonnage to be handled} \times \text{number of handlings}}{\text{Time limit (hours)} \times \text{capacity per co-plat-sec (tons/hour)}} = \text{Quartermaster service companies, platoons, or sections required.}$$

(2) *Personnel (US military):*

$$\frac{\text{Tonnage to be handled} \times \text{number of handlings}}{\text{Time limit (hours)} \times 0.5 \text{ tons/man/hour}} = \text{Number personnel required.}$$

d. Provides refrigerated warehouse storage space on the basis of 1 cubic foot per 32 pounds of perishables to be stored.

e. Provides daily distribution of subsistence requiring mobile refrigeration, based on a 3/4-pound refrigerated perishable ration component and 75 percent vehicle availability, with each 7 1/2-ton refrigerator semitrailer carrying approximately 3 tons of balanced perishables.

Element	Approximate quantity (tons)	Troops supported
Refrigeration platoon	64	150,000
Operating section	32	75,000

f. Appropriate veterinary food inspection teams required for the inspection of meat, meat food, poultry, marine products, fresh fruits, and vegetables will be provided by teams from the medical service organization, TOE 8-500C.

g. When augmented (Off 1 EM 1), the unit will have the increased capability of operating separately. To be included only by specific authorization of the Department of the Army.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 4 EM 278 Agg 287.

Basis of allocation. Two per theater-type corps force supported. Assignment of additional companies will be dependent on geographical conditions and/or length of lines of communications.

Mobility. Twenty-five percent mobile.

10-500R QM Svc Org

Mission. a. To perform quartermaster service functions where units of less than company size are required.

b. To increase the capabilities of fixed-strength units where increments of less than company size are needed. These teams are designed to provide organizations which differ in size and composition depending on the tactical and logistical considerations involved.

c. To provide command and administrative personnel for quartermaster composite units.

Assignment. Teams may be attached or assigned, as required, to fixed-strength units or may be organized into composite service units to perform quartermaster service requirements under varying conditions.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and groupings of the teams used.

b. Mess teams and automotive maintenance teams will be drawn from TOE 29-500D. Basis for computation of teams required will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance. For quartermaster services, or variations of services not provided for herein, see capabilities of elements of fixed-strength quartermaster TOE.

Strength. As indicated in detailed breakdown of teams.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used.

Part 1—Quartermaster Administrative Teams

Teams AA, AB, AC, and AD

Team AA, platoon headquarters. Provides command and administrative control of 2 or more teams, except that platoon strength shall not be less than 40 individuals when an integral part of a company. Not required when teams include commissioned personnel. *Strength.* Off 1 EM 1 Agg 2.

Team AB, platoon headquarters (separate). Provides command and administrative control of 2 or more teams not assigned as part of a

company when aggregate strength is 40 or more. *Strength.* Off 1 EM 3 Agg 4.

Team AC, company headquarters. Provides command and administrative control of 2 or more platoons when aggregate strength is 100 or more. *Strength.* Off 2 EM 5 Agg 7.

Team AD, depot headquarters. Provides a command agency for planning, supervising, and coordinating the operation of a fixed-strength specialized quartermaster depot serving not more than 400,000 troops or a composite branch quartermaster depot serving not more than 200,000 troops. *Strength.* Off 1 WO 1 EM 2 Agg 4.

Part 2—Quartermaster Supply Teams

Teams BA to BT

Team BA, supply detachment (7,500)

Team BB, supply detachment (15,000)

Team BC, supply detachment (25,000)

These teams provide administrative, technical, and supervisory personnel for the receipt, storage, and issue of subsistence, petroleum, clothing, quartermaster equipment, and quartermaster general supplies. Labor must be furnished from labor teams or other sources. When perishable subsistence is stored, appropriate refrigeration teams must be provided. Size of forces served are as follows:

Team BA—3,500 to 7,500 troops.

Strength. Off 1 EM 18 Agg 19.

Team BB—7,500 to 15,000 troops.

Strength. Off 1 WO 1 EM 26 Agg 28.

Team BC—15,000 to 25,000 troops.

Strength. Off 2 WO 1 EM 32 Agg 35.

Team BD, petroleum dispensing detachment (semimobile). Provides personnel for the operation of a petroleum distributing point. Capable of packaging bulk gasoline at the rate of 36,000 gallons per day. *Strength.* EM 10.

Team BE, petroleum dispensing detachment (fixed). Provides personnel and equipment for the operation of a fixed or semifixed convoy refueling point dispensing petroleum products from underground or overground storage tanks. Capable of the following:

a. Filling 5-gallon cans and/or 55-gallon drums with gasoline and issuing on an exchange

basis to convoy vehicles as required. Issuing lubricating oil to motorized equipment as required.

b. Dispensing 50,000 gallons per day into tank trucks, tank cars, or barges. Labor must be furnished from labor teams or other sources. *Strength.* EM 2.

Team BF, sales detachment (20,000). Provides cash sales facilities on a nonprofit basis of non-issue items to military personnel in the field. In addition, it provides for sale to military personnel in the field merchandise and other personal items as are needed over and above the regular issue. Is capable of handling the sales requirements of 20,000 individuals. May be supplemented by or act as distributor for a maximum of two teams BG. *Strength.* WO 1 EM 12 Agg 13.

Team BG, sales detachment (augmentation). Provides supplemental sales facilities for team BF. Is capable of handling the sales requirements of 20,000 individuals when acting as a distributing agency for team BF. Not to be used separately. *Strength.* EM 12

Team BH, bakery detachment (mobile — 16,000). Provides personnel for the operation of one bakery unit mobile, M-1945, for one 12-hour shift. Is capable of providing bread for 16,000 individuals based on 1/2 pound of bread per day per individual. Is capable of picking up operating supplies from and delivering bread to distributing points when the round-trip time does not exceed 10 hours. *Strength.* EM 21.

Team BI, bakery detachment (portable — 2,500). Provides personnel for the operation of one outfit, baking, field, for one shift. Is capable of providing bread for 2,500 individuals based on 1/2 pound of bread per day per individual. *Strength.* EM 6.

Team BJ, bakery detachment (portable — 20,000). Provides personnel for the operation of four outfits, baking, field, for two-shift operation. Is capable of providing bread for 20,000 individuals based on 1/2 pound of bread per day per individual. *Strength.* EM 32.

Team BK, bakery detachment (portable, augmentation). Provides personnel for the operation of the equipment of team BI for a second

PART II

shift to provide bread for 2,500 additional individuals based on $\frac{1}{2}$ pound of bread per day per individual. Not to be used separately. Augmentation to team BI only. *Strength.* EM 4.

Team BL, refrigeration detachment (mobile—7,500). Provides personnel for the preservation and delivery of perishable items. Capability of 7,500 individuals is based on a ration allowance of $\frac{3}{4}$ pound of perishables per individual per day. *Strength.* EM 2.

Team BM, refrigeration detachment (semimobile). Provides personnel for the preservation and delivery of perishable items. Capacity of 22,500 pounds of miscellaneous perishable cargo when all semitrailers are loaded at one time. Daily capacity depends on the number of trips and type of perishables hauled. *Strength.* EM 6.

Team BN, refrigeration detachment. Provides personnel for the operation and maintenance of a mobile, semi-fixed, or fixed-type perishable storage facility. Capacity depends on the size of the storage and refrigeration unit used. May be used to augment team HS or HT. *Strength.* EM 1.

Team BO, butchery detachment. *Strength.* EM 15. Provides personnel for the butchering of the following animals per day:

- 90 beeves
- or
- 130 hogs (skinned and scraped)
- or
- 450 sheep.

Team BP, repair parts detachment (15,000). Provides personnel for the receipt, storage, and issue of quartermaster repair parts required for a force of 15,000 individuals. *Strength.* EM 3.

Team BQ, repair parts detachment (25,000). Provides personnel for the receipt, storage, and issue of quartermaster repair parts required for a force of 25,000 individuals. *Strength.* EM 4.

Team BR, hydroponics detachment. Provides personnel for the operation of 30,000-square-foot hydroponics garden. Is capable of producing several servings a week of fresh garden

vegetables for approximately 800 individuals. *Strength.* EM 8.

Team BS, hydroponics detachment (augmentation). Provides personnel to augment team BR. Is capable of increasing the capacity of team BR by 30,000 square feet. Not to be used separately. *Strength.* EM 6.

Team BT, salvage disposal detachment. Provides personnel for the supervision of the receipt, sale, and/or other disposition of valuable scrap from condemned, discarded, abandoned, or captured property, including waste materials, nonreparable property, and abandoned private property. Labor must be furnished from labor teams or other sources. *Strength.* Off 2 EM 7 Agg 9.

Part 3—Quartermaster Supply and Maintenance (Aerial) Teams

Teams EA to EE

Team EA, aerial supply detachment. Provides personnel for packaging, temporary storage, supervision of loading and tie-downs in aircraft of 15 tons of supplies per day to be delivered by parachute or free drop. Parachute to assist in the recovery and evacuation of parachutes and allied equipment as desired. Capacity is increased to 20 tons per day when packing of canopies is not required. *Strength.* EM 18.

Team EB, drop-kit repair detachment (fixed—18,000 airborne). Provides personnel for field and depot repair of drop-kit items of equipment for a force equivalent to one airborne division and supporting troops. *Strength.* WO 1 EM 15 Agg 16.

Team EC, parachute repair detachment (fixed—18,000 airborne). Provides personnel for field and depot repair of parachute items of equipment for a force equivalent to one airborne division and supporting troops. *Strength.* WO 1 EM 39 Agg 40.

Team ED, parachute packing detachment. Provides personnel for limited repair and packing of 1,000 personnel-type parachutes per month. *Strength.* EM 6.

Team EE, special forces parachute rigging detachment. Provides personnel for parachute maintenance support of special and security

forces. Is capable of requisitioning, storing, inspecting, testing, packing, and maintaining 840 personnel parachutes and 840 24-foot cargo-type parachutes. *Strength.* Off 1 EM 19 Agg 20.

Part 4—Quartermaster Labor Teams

Teams FA, FB, and FC

Labor detachments provide teams of military personnel for general labor, including icing refrigerator cars; recovering salvage articles; collection and burial of the dead; handling all classes of supplies; storing of supplies in warehouses; loading and unloading vehicles, aircraft, and ships; and sorting and stocking supplies. Each laborer in these detachments is capable of handling approximately 4 tons of general supplies per day in the temperate zone. When used in general supply work, the labor detachments have the following handling capacity:

Team FA, labor detachment (15 tons). *Strength.* EM 3.

Team FB, labor detachment (25 tons). *Strength.* EM 5.

Team FC, labor detachment (40 tons). *Strength.* EM 9.

Part 5—Quartermaster Laundry and Bath Teams

Teams GA to GJ

Team GA, laundry detachment (semimobile, two-trailer type—1,575). Provides personnel for the operation of a laundry, mobile, two-trailer type, for one shift. Provides laundry field service to individuals or reclamation installations and a limited amount of service for the decontamination of clothing and equipment. Is capable of providing field laundry service to 1,575 individuals and field laundry service to reclamation installations serving 15,000 troops. *Strength.* EM 8.

Team GB, laundry detachment (semimobile, two-trailer type—augmentation). Provides personnel for the second-shift operation of the equipment provided in team GA. Capacity of this team is the same as team GA. Not to be used separately. *Strength.* EM 6.

Team GC, laundry detachment (portable — 350). Provides personnel for the operation of a portable laundry for one shift. Provides field laundry service to individuals or reclamation installations and a limited amount of service for the decontamination of clothing and equipment. Is capable of providing field laundry service to 350 individuals and field laundry service to reclamation installations serving 4,000 troops. *Strength.* EM 5.

Team GD, laundry detachment (portable — augmentation). Provides personnel for the second-shift operation of the equipment provided in team GC. Capacity of this team is the same as team GC. Not to be used separately. *Strength.* EM 3.

Team GE, laundry detachment (fixed—2,500). Provides personnel for the operation of a fixed or semifixed laundry when civilian facilities are not available. Is capable of providing laundry service to 2,500 individuals weekly. Labor must be furnished from labor teams or other sources. *Strength.* Off 1 EM 12 Agg 13.

Team GF, laundry detachment (fixed—5,000). Provides personnel for the operation of a fixed or semifixed laundry when civilian facilities are not available. Is capable of providing laundry service to 5,000 individuals weekly. Labor must be furnished from labor teams or other sources. *Strength.* Off 1 EM 22 Agg 23.

Team GG, laundry detachment (fixed—10,000). Provides personnel for the operation of a fixed or semifixed laundry when civilian facilities are not available. Is capable of providing laundry service to 10,000 individuals weekly. Labor must be furnished from labor teams or other sources. *Strength.* Off 1 EM 31 Agg 32.

Team GH, dry-cleaning detachment (fixed — 1,100). Provides personnel for the operation of a fixed or semifixed dry-cleaning plant when civilian facilities are not available. Is capable of providing dry-cleaning service to 1,100 individuals weekly. Labor must be furnished from labor teams or other sources. *Strength.* EM 4.

Team GI, dry-cleaning detachment (fixed — 2,800). Provides personnel for the operation of a fixed or semifixed dry-cleaning plant when

PART II

civilian facilities are not available. Is capable of providing dry-cleaning service to 2,800 individuals weekly. Labor must be furnished from labor teams or other sources. *Strength.* EM 7.

Team GJ, bath detachment (mobile—2,000) Provides personnel for the operation of a bath facility in the field for 2,000 individuals in one 12-hour shift. Capacity is based on 8 minutes per individual. *Strength.* EM 6.

Part 6—Quartermaster Maintenance Teams
Teams HA to HX

Team HA, clothing, textile, and shoe repair detachment (fixed—2,500). Provides personnel for the operation of a fixed-type clothing, textile, and shoe repair installation. Is capable of performing field and depot repair for a force of approximately 2,500. Labor must be furnished from labor teams or other sources. *Strength.* EM 8.

Team HB, clothing, textile, and shoe repair detachment (fixed—5,000). Provides personnel for the operation of a fixed-type clothing, textile, and shoe repair installation. Is capable of performing field and depot repair for a force of approximately 5,000. Labor must be furnished from labor teams or other sources. *Strength.* EM 14.

Team HC, clothing, textile, and shoe repair detachment (fixed—7,500). Provides personnel for the operation of a fixed-type clothing, textile, and shoe repair installation. Is capable of performing field and depot repair for a force of approximately 7,500. Labor must be furnished from labor teams or other sources. *Strength.* Off 1 EM 21 Agg 22.

Team HD, clothing, textile, and shoe repair detachment (fixed—10,000). Provides personnel for the operation of a fixed-type clothing, textile, and shoe repair installation. Is capable of performing field and depot repair for a force of approximately 10,000. Labor must be furnished from labor teams or other sources. *Strength.* Off 1 EM 29 Agg 30.

Team HE, clothing, textile, and shoe repair detachment (fixed—12,500). Provides personnel for the operation of a fixed-type clothing,

textile, and shoe repair installation. Is capable of performing field and depot repair for a force of approximately 12,500. Labor must be furnished from labor teams or other sources. *Strength.* Off 1 EM 35 Agg 36.

Team HF, clothing, textile, and shoe repair detachment (fixed—15,000). Provides personnel for the operation of a fixed-type clothing, textile, and shoe repair installation. Is capable of performing field and depot repair for a force of approximately 15,000. Labor must be furnished from labor teams or other sources. *Strength.* Off 1 EM 41 Agg 42.

Team HG, clothing, textile, and shoe repair detachment (fixed—17,500). Provides personnel for the operation of a fixed-type clothing, textile, and shoe repair installation. Is capable of performing field and depot repair for a force of approximately 17,500. Labor must be furnished from labor teams or other sources. *Strength.* Off 1 EM 46 Agg 47.

Team HH, clothing, textile, and shoe repair detachment (fixed—20,000). Provides personnel for the operation of a fixed-type clothing, textile, and shoe repair installation. Is capable of performing field and depot repair for a force of approximately 20,000. Labor must be furnished from labor teams or other sources. *Strength.* Off 1 EM 52 Agg 53.

Team HI, clothing repair detachment (semimobile—24,000). Provides personnel for the operation of a semimobile clothing repair facility on a one-shift basis. Is capable of performing field repair for a force of 24,000. *Strength.* EM 11.

Team HJ, clothing repair detachment (semimobile—augmentation). Provides personnel for the second-shift operation of equipment provided in team HI. Not to be used separately. Augmentation to team HI only. *Strength.* EM 10.

Team HK, shoe repair detachment (semimobile—24,000). Provides personnel for the operation of a semimobile shoe repair facility on a one-shift basis. Is capable of performing field repair for a force of 24,000. *Strength.* EM 15.

Team HL, shoe repair detachment (semimobile—augmentation). Provides personnel for the second-shift operation of equipment provided in team HK. Not to be used separately. Augmentation to team HK only. *Strength.* EM 12.

Team HM, textile repair detachment (semimobile—24,000). Provides personnel for the operation of a semimobile textile repair facility on a one-shift basis. Is capable of performing field repair for a force of 24,000. *Strength.* EM 12.

Team HN, textile repair detachment (semimobile—augmentation). Provides personnel for the second-shift operation of equipment provided in team HM. Not to be used separately. Augmentation to team HM only. *Strength.* EM 8.

Team HO, mechanical and metal repair detachment (semimobile—24,000). Provides personnel for the operation of a semimobile mechanical and metal repair facility. Is capable of performing field repair for a force of approximately 24,000. *Strength.* EM 16.

Team HP, office machine repair detachment (fixed—50,000). Provides personnel for the operation of a fixed office machine repair facility. Is capable of performing depot repair and maintenance for a force of approximately 50,000. Labor must be furnished from labor teams or other sources. *Strength.* EM 3.

Team HQ, office machine repair detachment (mobile—24,000). Provides personnel for the operation of a mobile office machine repair facility. Is capable of performing field repair for a force of approximately 24,000. *Strength.* EM 2.

Team HR, office machine repair detachment (augmentation). Provides personnel for augmenting office machine repair facilities. May be used to augment teams HP and HQ. Not to be used separately. *Strength.* EM 1.

Team HS, refrigeration repair detachment (fixed—50,000). Provides personnel for the operation of a fixed refrigeration repair facility. Is capable of performing depot repair and main-

tenance for a force of approximately 50,000. Labor must be furnished from labor teams or other sources. May be augmented by team BN. *Strength.* EM 2.

Team HT, refrigeration repair detachment (mobile—24,000). Provides personnel for the operation of a mobile refrigeration repair facility. Is capable of performing field repair for a force of approximately 24,000. May be augmented by team BN. *Strength.* EM 2.

Team HU, food service equipment repair detachment (mobile—24,000). Provides personnel for the operation of a mobile food service equipment repair facility. Is capable of performing field repair for a force of 24,000. *Strength.* EM 6.

Team HV, general equipment repair detachment (mobile—24,000). Provides personnel for the operation of a mobile quartermaster general equipment repair facility. Is capable of performing field repair for a force of 24,000. *Strength.* EM 6.

Team HW, salvage detachment (16,000). Provides personnel for the receipt, basic classification, and supervision of the evacuation of all classes of salvage. Is capable of handling the salvage expectancy of 16,000 troops. *Strength.* Off 1 EM 25 Agg 26.

Team HX, salvage detachment (augmentation). Provides personnel to augment team HW and handle the salvage expectancy of an additional 16,000 troops. Used only to augment team HW. Not to be used separately. *Strength.* EM 20.

Part 7—Quartermaster Animal Transport Teams

Teams IC and ID

Team IC, dog team detachment. Provides personnel and dogs for transporting light cargo by sledge or pack in arctic and subarctic areas, particularly where routes to be traversed include pack-ice on the sea or crevassed and mountainous areas. May be used in airplane salvage operations, rescue missions, and messenger service. *Strength.* Off 1 EM 22 Agg 23.

Team ID, dog team detachment (augmentation). Provides personnel and dogs to supplement team IC. Not to be used separately. *Strength.* EM 21.

Dog team capacity			
Type	Pounds per trip	Daily rate of travel (average) per hour (mi)	Weight of cargo (average) per dog (lb)
Sledge (heavy)---	3,150	2½	70
Sledge (light)---	2,250	5	50
Pack -----	1,620	2	35

Part 8—Quartermaster Graves Registration Teams

Teams JA to JE

Team JA, graves registration detachment (5,000). Receives and evacuates deceased personnel, subject to military jurisdiction, to a temporary cemetery. Verifies and/or establishes identification and accomplishes burial of such deceased. Establishes, operates, and supervises maintenance of cemeteries. Prepares and maintains all burial records. Provides for the collection, inventory, recording, and disposition of personal effects received with remains. Serves a force of 5,000. Labor as required will be provided from other military or labor sources. *Strength.* Off 1 EM 9 Agg 10.

Team JB, graves registration detachment (augmentation). Receives and evacuates deceased personnel, subject to military jurisdiction, to a temporary cemetery. Verifies and/or establishes identification and accomplishes burial of such deceased. Establishes, operates, and supervises maintenance of cemeteries. Prepares and maintains all burial records. Serves an additional 5,000 troops when augmented to a team JA. Labor as required will be provided from other military or labor sources. Not to be used separately. *Strength.* EM 6.

Team JC, collection and evacuation detachment (5,000). Receives and evacuates deceased personnel, subject to military jurisdiction, to a temporary cemetery. Is capable of serving a force of 5,000. Labor as required will be provided from labor teams or other sources. *Strength.* EM 4.

Team JD, identification, effects, and records detachment (5,000). Verifies and/or establishes identification and accomplishes burial of deceased personnel. Establishes, operates, and supervises maintenance of temporary cemeteries. Prepares and maintains all burial records. Provides for the collection, inventory, recording, and disposition of personal effects received with remains. Is capable of serving a force of 5,000. *Strength.* EM 6.

Team JE, recovery detachment. Provides personnel for locating and evacuating remains of deceased personnel from secluded, isolated, or remote areas. *Strength.* Off 1 EM 4 Agg 5.

Part 9—Quartermaster Special Teams Teams KA to KE

Team KA, technical intelligence detachment. Provides personnel for selective collection, initial examination, evaluation, and classification of quartermaster-type equipment. Exploits this equipment for intelligence of technical value to theater and higher headquarters. Arranges for the evacuation of this equipment to the Quartermaster General when it is of special interest to the Quartermaster Corps. *Strength.* Off 1 EM 2 Agg 3.

Team KB, petroleum products laboratory detachment (base). Provides personnel for the operation of a petroleum products laboratory detachment (base). Is capable of rendering technical assistance to commanders in matters pertaining to the handling, storage, sampling, identification, and quality evaluation of petroleum products and containers therefor. *Strength.* Off 2 EM 10 Agg 12.

Team KC, petroleum products laboratory detachment (mobile). Provides personnel for the operation of a petroleum products laboratory (mobile). Is capable of rendering technical assistance to commanders in matters pertaining to the handling, storage, sampling, identification, and quality evaluation of petroleum products and containers therefor. Is a mobile unit and may operate in conjunction with team KB or may act as an independent unit. When acting as a subordinate unit to team KB, it may collect field samples and relative information and perform tests on petroleum products. *Strength.* Off 1 EM 6 Agg 7.

Team KD, DDT dispensing detachment (6,000). Provides personnel for delousing approximately 6,000 individuals per day, including individual clothing and equipment by dusting with DDT powder. *Strength*. EM 13.

Team KE, fumigation detachment (1,800). Provides personnel for fumigating the clothing and equipment, excluding shoes, for 1,800 individuals per day. *Strength*. EM 9.

Remarks. Mess teams and organizational automotive maintenance teams will be drawn from TOE 29-500D. Basis for computation of teams required will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance. For quartermaster services, or variations of services not provided for herein, see capabilities of elements of fixed-strength quartermaster tables of organization and equipment.

10-521D HQ & HQ Co, QMDEP

Mission. To provide a command agency for planning, supervising, and coordinating the training, administration, supply, and operation of quartermaster units attached or assigned to the headquarters.

Assignment. To theater army logistical command.

Capabilities. *a*. Provides supervisory and administrative personnel for a quartermaster section of a theater army logistical command general depot or a theater army logistical command branch quartermaster depot.

b. Provides quartermaster logistical support in direct ratio to the capabilities of the operating units attached or assigned.

c. Command and administrative section, operations section, supply section, field service section, and headquarters company provide the normal organization for the operation of a headquarters and headquarters company, quartermaster depot, for the performance of its mission.

d. A modified command and administrative section may be substituted for the command and administrative section when the complexities of the situation exceed the scope of normal operations and when recommended and justified by the theater army commander and approved by the Department of the Army.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 31 WO 5 EM 106 Agg 142.

Basis of allocation. *a*. As required by the theater army logistical command when the scope of responsibility exceeds the capabilities of a group or a battalion.

b. One per general depot.

Mobility. Fixed.

10-536D HHD, QM Bn

Mission. To command, provide control, staff planning, and coordination for attached quartermaster units. To supervise the operation, training, and administration of these units.

Assignment. To field army, theater army logistical command, or independent corps. May be attached to headquarters and headquarters company, quartermaster depot, TOE 10-521D; or headquarters and headquarters detachment, quartermaster group, TOE 10-22D.

Capabilities. *a*. Provides command, control, staff planning, coordination, administration, and supervision of training and operations for attached quartermaster units.

b. The unit is dependent on other units for mess and automotive maintenance.

c. When augmented (Off 1 EM 1), this unit provides a chaplain and chaplain's assistant when the aggregate strength of the battalion is 650 or more. This augmentation is not authorized in the communications zone.

d. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 WO 1 EM 22 Agg 31.

Basis of allocation. One per three to eight quartermaster companies or their equivalent.

Mobility. *a*. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Section VI. SIGNAL

11-15D Corps Sig Bn or Sig Bn, Abn Corps

Mission. a. To provide signal communications for all echelons of a corps headquarters.

b. To install, operate, and maintain multi-channel communication facilities to major subordinate tactical units.

c. To install, operate, and maintain multi-channel communication facilities between major headquarters of corps artillery.

d. To operate the corps ground and air messenger service.

e. To provide photographic service (except aerial photography) for the corps.

Assignment. To corps or airborne corps.

Capabilities. a. Installs, operates, and maintains tactical signal communications for all echelons of corps headquarters, and to units assigned or attached to corps, on a 24-hour basis, to include telephone, radio, radio-relay, teletypewriter, message center, and messenger service.

b. Operates the messenger service for the corps, to include—

(1) Ground messenger service within the general capabilities of up to 14 motor messenger teams.

(2) Air messenger-courier service, utilizing aircraft and pilots provided by the corps aviation company or other aviation units as required.

c. Performs photographic service for the corps, to include—

(1) Ground still- and motion-picture coverage for the corps.

(2) Operation of two mobile photographic laboratories and the processing of ground and aerial still photographs for all corps units.

d. Depends on the field army signal supply and maintenance battalion for signal supply and field maintenance of signal equipment.

e. Depends on the corps aviation company or other units for aircraft and pilots for signal operations.

f. Depends on the field army area signal system for long-line circuits not provided for by organic elements of the battalion.

g. Depends on field army or other higher echelons for processing motion-picture film.

h. This unit is dependent on other corps units for medical and dental services and supplemental transportation.

i. Augmentation of aviation section (Off 6 EM 10) in command operations company, TOE 11-17D, provides an aviation capability of six aircraft for operation of the corps air messenger-courier service when support by corps aviation units is impracticable.

j. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 25 WO 9 EM 657 Agg 691.

Basis of allocation. One per corps; one per airborne corps.

Mobility. a. See components below for ground mobility.

b. One hundred percent air-transportable in heavy transport aircraft.

11-16D HQ & HQ Co, Corps Sig Bn or Sig Bn, Abn Corps

Mission. a. To direct and coordinate operations and training of a corps signal battalion and to provide command, administration, and logistical support for the battalion.

b. To provide consolidated personnel administration and supervision of supply, motor, and signal maintenance for the battalion.

c. To provide photographic service for the corps.

Assignment. a. Organic to corps signal battalion, TOE 11-15D.

b. Organic to signal battalion airborne corps, TOE 11-15D.

Capabilities. a. Plans, commands, controls, and coordinates the operations and training of a corps signal battalion.

b. Provides administrative and logistical support for a corps signal battalion, to include—

(1) Consolidated personnel administration.

- (2) Organizational maintenance of cryptographic equipment for the battalion.
- (3) Battalion supply, electronic, power generator, and motor maintenance.

c. Provides ground photographic service required for the corps, to include still and motion picture and processing of film exposed by unit photographers.

d. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 9 WO 4 EM 87 Agg 100.

Basis of allocation. One per corps signal battalion, TOE 11-15D, or signal battalion, airborne corps, TOE 11-15D.

Mobility. a. Seventy-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

11-17D Comd Op Co, Corps Sig Bn or Sig Bn, Abn Corps

Mission. To provide signal communication facilities at corps main, corps advance, and corps rear headquarters.

Assignment. a. Organic to corps signal battalion, TOE 11-15D.

b. Organic to signal battalion, airborne corps, TOE 11-15D.

Capabilities. a. Installs, operates, and maintains terminal-type signal communication facilities at corps main, corps advance, and corps rear headquarters to include message center, messenger, cryptographic, teletypewriter, and telephone service.

b. Provides HF radioteletypewriter between echelons of a corps headquarters, to corps artillery, to subordinate divisions, to the armored brigade, and to an armored cavalry regiment.

c. Provides HF radioteletypewriter stations in the field army command net, air request net, and information net.

d. Operates a corps motor and air messenger and courier service between echelons of corps and to major subordinate units.

e. Provides signal service for units in the vicinity of corps main and corps advance headquarters.

f. Depends on the field operations company, corps signal battalion, for providing communication trunk facilities and installations of long-lines cable and wire circuits to subordinate headquarters.

g. Depends on the signal group, army, for connections into the field army area signal system.

h. Provides command, mess facilities, and motor maintenance for the company.

i. Depends on the headquarters and headquarters company for personnel administration.

j. Depends on the corps aviation company for furnishing aircraft and aviators as required for operation of the corps air messenger-courier service.

k. Augmentation of the aviation section (Off 6 EM 10) provides an aviation capability of six aircraft for operation of the corps air messenger-courier service when support by corps aviation company is impracticable.

l. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 WO 4 EM 268 Agg 280.

Basis of allocation. One per corps signal battalion, TOE 11-15D; or signal battalion, airborne corps, TOE 11-15D.

Mobility. a. Ninety percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

11-18D Fld Op Co, Corps Sig Bn or Sig Bn, Abn Corps

Mission. a. To provide field-type communication trunk facilities between all echelons of corps headquarters and to major subordinate headquarters.

b. To provide multichannel communication facilities for corps artillery and to its major subordinate headquarters.

Assignment. a. Organic to a corps signal battalion, TOE 11-15D.

b. Organic to signal battalion, airborne corps, TOE 11-15D.

Capabilities. a. Provides command, mess facilities, and motor maintenance for the company.

b. Installs, operates, and maintains communication facilities:

- (1) By radio relay from corps main headquarters to four divisions, to corps artillery, to an armored brigade, and to an armored cavalry regiment; and from corps artillery to other corps artillery major subordinate units.
- (2) By radio relay and wire carrier between corps main and corps advance headquarters.
- (3) Installs and maintains field wire and multiconductor field cables from the patching panels at echelons of the corps and from corps artillery to terminals of the corps radio-relay system.

c. Depends on battalion headquarters and headquarters company for personnel administration and for augmentation of organic motor maintenance and signal supply and maintenance.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 WO 1 EM 302 Agg 311.

Basis of allocation. One per corps signal battalion, TOE 11-15D; or signal battalion, airborne corps, TOE 11-15D.

Mobility. a. Ninety percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

11-22E HHD, Sig Gp

Mission. a. To provide facilities with which the group commander controls the group.

b. To direct and coordinate the training, administration, and logistical support of assigned and attached units.

Assignment. To field army, army group, and theater army logistical command.

Capabilities. a. Provides command, control, staff planning, and supervision of operations

for a group consisting of from three to seven signal battalions in the field army, army group, and theater army logistical command.

b. Directs and coordinates the training, administration, and logistical support of assigned and attached units.

c. This unit will be attached to, or is dependent on, a unit assigned to the group for mess, supply, supplemental transportation and motor maintenance, and medical and religious support.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 WO 1 EM 30 Agg 38.

Basis of allocation. One per three to seven battalions.

Mobility. Seventy-five percent mobile.

11-25D Sig CB

Mission. To provide construction and maintenance of wire and cable circuits.

Assignment. To army group and theater army logistical command.

Capabilities. a. Installs, maintains, and rehabilitates field and open-wire lines, spiral-4 and lead cable.

b. Is capable of any of the following:

- (1) Construction of five open-wire circuits, approximately 5 miles per day; or
- (2) Construction of 10 open-wire circuits, approximately 4 miles per day; or
- (3) Construction of spiral-4 cable suspended on messenger wire, approximately 100 miles per day; or
- (4) Installation of field wire on ground, approximately 1,000 miles per day.

c. Medical section augmentation (Off 1 EM 8) in headquarters and headquarters detachment, TOE 11-26D, provides medical service, to include emergency medical treatment; operation of aid stations; evacuation of casualties, if practicable; and supervision of sanitation. Augmentation (EM 4) in signal construction company, TOE 11-27D, provides additional administrative and maintenance personnel and equipment for separate company operations.

d. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 28 WO 3 EM 854 Agg 885.

Basis of allocation. *a.* Two or more to an army group.

b. As required for theater army logistical command.

Mobility. *a.* Seventy-five percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

11-26D HHD, Sig CB

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to signal construction battalion, TOE 11-25D.

Capabilities. *a.* Provides command, control, staff planning, and supervision, to include administration, supply, and organizational maintenance, for the battalion.

b. Medical section augmentation (Off 1 EM 8) provides medical service, to include emergency medical treatment; operation of aid stations; evacuation of casualties, if practicable; and supervision of sanitation.

c. This unit will be attached to, or is dependent on, other units assigned to this battalion for mess.

d. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 WO 3 EM 54 Agg 65.

Basis of allocation. One per signal construction battalion, TOE 11-25D.

Mobility. *a.* Seventy-five percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

11-27D Sig Const Co

Mission. To construct wire and cable circuits.

Assignment. Organic to signal construction battalion, TOE 11-25D.

Capabilities. *a.* Installs, maintains, and rehabilitates field and open-wire lines and spiral-4 and lead cable.

b. Augmentation (EM 4) provides additional administrative and maintenance personnel and equipment for separate company operations.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 EM 200 Agg 205.

Basis of allocation. *a.* Separate company as required.

b. Four per signal construction battalion, TOE 11-25D.

Mobility. *a.* Seventy-five percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

11-32E HHD, Sig Gp, Army

Mission. *a.* To direct and coordinate the training, administration, and logistical support and to supervise the operations of assigned and attached units.

b. To coordinate and control the installation, operation, and maintenance of the field army area signal system in accordance with the field army signal plan and instruction from the field army signal officer.

Assignment. To a field army.

Capabilities. *a.* Commands the units comprising the field army area signal system, which normally consists of six signal combat area battalions and one cable construction battalion.

b. Supervises the installation, operation, and maintenance of the area signal system in accordance with instructions from the field army signal officer.

c. Directs and coordinates the training, administration, and logistical support of assigned and attached units.

d. Provides a system control and signal information service. Alternate facilities are provided for operation in two locations during displacement.

e. This unit will be attached to, or is dependent on, a unit of the group for mess, motor, supply, medical, and religious support. Its capability of controlling and administering additional attached units is limited.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 17 WO 2 EM 44 Agg 63.

Basis of allocation. One per field army.

Mobility. Seventy-five percent mobile.

11-38T (Tentative) Sig Co, US Army MSLCOMD (Mdm)

Mission. a. To provide signal communications at the missile command headquarters and at the service and supply group.

b. To provide signal center service to units located in the vicinity of the missile command headquarters, the service and supply group, and one subcommunications center.

c. To establish and operate facilities to provide wire, radio, and radio-relay communications from the missile command headquarters to, and between, subordinate units of the missile command and to supported forces.

d. To provide facilities to contact higher and supporting US forces.

e. To perform ground photographic coverage (less motion picture) and still-picture laboratory service for all units of the missile command, except the sky cavalry battalion, TOE 1-25T.

f. To operate the messenger service.

g. To provide third-echelon maintenance of signal equipment for all elements of the missile command.

Assignment. Organic to US Army missile command (medium), TOE 39-61T.

Capabilities. a. Provides the following facilities for a US Army missile command (medium) :

- (1) Installs, operates, and maintains signal centers for the missile command headquarters, the service and supply

group, and one subcommunications center on a 24-hour basis of—

- (a) Message center, cryptographic, and teletypewriter facilities.
- (b) One 2-position or two 1-position manual telephone central offices.
- (c) Up to four teletypewriter and two CW/voice radio stations in higher US headquarters and missile command radio nets.
- (d) Up to 18-radio-relay or telephone carrier terminal stations in the missile command communication system.
- (e) Commnad post wire systems within the capability of three 4-man wire teams and four 8-man construction teams.
- (2) Provides signal center service to units located in the vicinity of missile command signal centers, to include the handling of message traffic and provisions for telephone switching service and connecting lines within the capabilities stated in (1), above.
- (3) Operates the missile command motor messenger service, to include utilization of up to four 2-man motor messenger teams.
- (4) Provides and operates patching and switching facilities for wire and radio-relay trunk circuits at signal centers operating in the missile command communication system.
- (5) Provides organizational maintenance for organic signal equipment and third-echelon maintenance for all signal equipment in the missile command.
- (6) Provides ground photographic coverage (less motion picture) and still-picture laboratory service for the missile command.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 WO 3 EM 258 Agg 269.

Basis of allocation. One per US Army missile command (medium), TOE 39-61T.

Mobility. Eighty-five percent mobile.

Remarks. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

11-45D Sig Cable CB

Mission. *a.* To install signal field cable circuits in the field army area.

b. To perform limited rehabilitation and maintenance of existing indigenous cable (lead and rubber-covered) and open-wire circuits.

c. To perform limited field cable recovery and field cable repair in the field army area.

Assignment. *a.* To a field army. Normally assigned to a signal group, army.

b. To an army group and theater army as required.

Capabilities. *a.* Installs designated signal field cable circuits in the field army area, to include installation in trenches or on temporary poles.

b. Rehabilitates indigenous open-wire and lead or rubber-covered cable lines in the field army area.

c. Assists signal combat area companies in the field army area in the installation of field cable trunk circuits.

d. Performs limited recovery and repair of field cable in the field army area.

e. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 21 WO 6 EM 848 Agg 875.

Basis of allocation. *a.* One per field army.

b. As required for army group and theater army.

Mobility. *a.* See components below for ground mobility.

b. One hundred percent air-transportable in heavy transport aircraft.

11-46D HHD, Sig Cable CB

Mission. *a.* To direct and coordinate operations and training of a signal cable construction battalion and to provide command, administration, and logistical support for the battalion.

b. To provide consolidated personnel administration, supervision of supply, and supplemental motor and signal maintenance for the battalion.

c. To provide limited rehabilitation and maintenance of existing indigenous cable in the field army area, and limited field cable repair for the battalion.

Assignment. Organic to signal cable construction battalion, TOE 11-45D.

Capabilities. *a.* Commands, plans, controls, and coordinates the operations and training of a signal cable construction battalion.

b. Provides administration and logistical support for a signal cable construction battalion, to include—

- (1) Consolidated personnel administration.
- (2) Battalion supply and supplemental signal and motor maintenance.
- (3) Limited field cable repair for the battalion.

c. Provides limited rehabilitation and maintenance of existing indigenous lead cable.

d. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 9 WO 3 EM 65 Agg 77.

Basis of allocation. One per signal cable construction battalion, TOE 11-45D.

Mobility. *a.* Seventy-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

11-47D Sig Cable Const Co

Mission. *a.* To perform signal field cable construction in the field army area.

b. To perform limited rehabilitation of existing indigenous cable (lead or rubber-covered) and open-wire circuits when augmented by direct support of the personnel in the cable splicer and repair section of headquarters and headquarters detachment, signal cable construction battalion, TOE 11-46D.

c. To perform limited field cable recovery in the field army area.

Assignment. Organic to the signal cable construction battalion, TOE 11-45D.

Capabilities. a. Installs spiral-4 circuits and associated unattended repeaters in the field army area:

- (1) Approximately 150 miles per day when laid on the ground.
- (2) Approximately 100 miles per day when installed in trenches or placed on existing poles or trees.
- (3) Approximately 50 miles per day on light messenger wire on temporary or hasty pole lines.

b. Rehabilitates indigenous open-wire and cable lines in the field army area.

c. Assists signal combat area battalions in the installation of signal field cable circuits.

d. Performs recovery of field cable in the field army area.

e. Provides command, planning, and operational control of organic wire teams.

f. Provides mess facilities, supply, and organizational signal and motor maintenance for the company.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 WO 1 EM 261 Agg 266.

Basis of allocation. Three per signal cable construction battalion, TOE 11-45D.

Mobility. a. Ninety percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

11-54D Sig Air Photo Repro and Dlvr Co

Mission. a. To reproduce aerial reconnaissance photographs obtained for field army units by tactical air force for intelligence purposes and to provide the means for expeditious 24-hour delivery of such photographs to using units.

b. To prepare and distribute positive transparencies of selected aerial photography to be used in the production of map supplement photos.

Assignment. Organic to the air reconnais-

sance support battalion, TOE 51-15C, or separate company as required.

Capabilities. a. Reproduces, identifies, packages, and distributes aerial photographs at a maximum rate of 25,000 9 x 18-inch prints in an 8-hour period.

b. Produces and distributes positive transparencies from selected aerial photography required for production of map supplement photos for a field army.

c. Performs at least three daily deliveries from the company to field army headquarters and to each corps and division of the field army, and at least three daily scheduled courier runs from the company to each reconnaissance airfield when the reconnaissance wing is deployed or dispersed—all on a 24-hour basis.

d. Provides second-echelon maintenance for aircraft organic to the company.

e. When augmented (EM 3), this unit provides facilities as shown in capabilities above within the field army area and is capable of separate company operations.

f. This unit is not self-sufficient and normally is attached to a unit for medical, supplemental transportation, and religious support.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 17 EM 129 Agg 146.

Basis of allocation. a. One per air reconnaissance support battalion, TOE 51-15C.

b. Separate company as required.

Mobility. a. Twenty-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. For data concerning vehicles and armament, see table XVIII.

11-66D HHD, Cmbt EW Sig Bn, Corps

Mission. a. To direct and coordinate operations and training and to provide administrative and logistical support for the combat electronic warfare signal battalion, corps.

b. To provide an electronic warfare section for the corps fire support coordination center, or equivalent.

Assignment. To corps.

Capabilities. a. Establishes and operates the electronic warfare section of the corps fire support coordination center, or equivalent.

b. Provides staff supervision of electronic warfare operations and training of the combat electronic warfare signal battalion, corps.

c. Provides administrative and logistical support for the combat electronic warfare signal battalion, corps.

d. This unit will be attached to, or is dependent on, other units for medical and religious support.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 9 EM 33 Agg 42.

Basis of allocation. One per corps.

Mobility. a. Ninety percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

11-67D Cmbt EW Sig Co, Inf

Mission. a. To provide electronic warfare support for the infantry division and its subordinate combat elements.

b. To provide an electronic warfare staff and equipment to operate an electronic warfare section at the division fire support coordination center, or equivalent.

Assignment. To corps. Normally assigned to headquarters and headquarters detachment, combat electronic warfare signal battalion, corps, TOE 11-66D, and attached to the infantry division it supports.

Capabilities. a. Establishes and operates an electronic warfare section at the division fire support coordination center, or equivalent.

b. Provides electronic warfare support to the five battle groups of the infantry division.

c. Provides electronic warfare support to the division artillery.

d. Provides an airborne electronic warfare capability, supplementing other divisional electronic warfare ground elements.

e. Provides electronic warfare support for the division cavalry squadron.

f. Provides mess facilities, organizational motor maintenance, and first-echelon through third-echelon signal maintenance for the company.

g. This unit will be attached to, or is dependent on, other units for religious and medical support and depends on existing field army area signal system for communication with battalion headquarters.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 16 WO 1 EM 148 Agg 165.

Basis of allocation. One per infantry division.

Mobility. a. Ninety percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

11-68D Cmbt EW Sig Co, Armd

Mission. a. To provide electronic warfare support for the armored division and its subordinate combat elements.

b. To provide an electronic warfare staff and equipment to operate an electronic warfare section at the division fire support coordination center, or equivalent.

Assignment. To corps. Normally assigned to headquarters and headquarters detachment, combat electronic warfare signal battalion, corps, TOE 11-66D, and attached to the armored division it supports.

Capabilities. a. Establishes and operates an electronic warfare section at the division fire support coordination center, or equivalent.

b. Provides electronic warfare support to an armored division. Electronic warfare task groups are formed from this unit to support the combat commands and other task forces.

c. Provides electronic warfare support to the division artillery.

d. Provides an airborne electronic warfare capability supplementing other divisional electronic warfare ground elements.

e. Provides mess facilities, organizational motor maintenance, and third-echelon signal maintenance for the company.

f. This unit will be attached to, or is dependent on, other units for religious and medical support and depends on existing field army area signal system for communication with battalion headquarters.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 13 WO 1 EM 126 Agg 140.

Basis of allocation. One per armored division.

Mobility. a. Ninety percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

11-85E Sig Cmbt Area Bn

Mission. To provide communications for a portion of a field army area signal system.

Assignment. To headquarters and headquarters detachment, signal group, army, TOE 11-32E.

Capabilities. a. Installs, operates, and maintains four area signal centers as part of the field army area signal system.

b. Operates an area messenger service as part of the field army area signal system.

c. Provides a circuit control and signal information service.

d. Provides the radio-relay and field cable trunk circuits between the area signal centers of the battalion and to adjacent area signal centers.

e. Provides a signal center displacement capability and a limited augmentation of multi-channel radio and wire equipment and personnel for the area centers.

f. Each area signal center furnishes the following:

- (1) Radio-relay and field cable trunk circuits and field wire local circuits to user units in the area of responsibility of the respective signal centers.
- (2) A telephone switchboard, message center, terminal teletypewriter, and cryptographic service for units and installations in the area.

(3) Patching and switching of telephone and teletypewriter circuits.

(4) Third-echelon maintenance of organic signal equipment.

g. This unit is dependent on the signal cable construction battalion for augmentation of its cable installation and recovery capability; on aviation units to obtain air reconnaissance and messenger support; and on appropriate medical units in the area for medical support.

h. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 37 WO 3 EM 775 Agg 815.

Basis of allocation. Six per headquarters and headquarters detachment, signal group, army, TOE 11-32E.

Mobility. Ninety percent mobile.

11-86E HQ & HQ Co, Sig Cmbt Area Bn

Mission. a. To direct and coordinate operations and training of the battalion and to provide the headquarters facilities with which the battalion commander exercises control.

b. To provide consolidated personnel administration and supplemental supply, motor, and signal equipment maintenance for the battalion.

c. To provide a system control and signal information service for the battalion's portion of the field army area signal system.

d. To provide a motor messenger service among the signal centers operated by the battalion.

e. To provide personnel and equipment to establish radio-relay repeater stations in the main trunks of the area system installed and operated by the battalion.

f. To provide a signal center displacement capability and a limited augmentation of multi-channel radio and wire equipment and personnel for the area centers.

Assignment. Organic to the signal combat area battalion, TOE 11-85E.

Capabilities. a. Plans, commands, controls, and coordinates the operations and training of a signal combat area battalion.

b. Provides administrative and logistical sup-

port for a signal combat area battalion, to include—

- (1) Consolidated personnel administration and organizational maintenance of cryptographic equipment for the battalion.
- (2) Electronic, generator, and motor maintenance to supplement operating company capabilities.

c. Provides a system control and information service to—

- (1) Perform system engineering and traffic analysis and control for the battalion portion of the field army area signal system.
- (2) Coordinate the battalion portion of the area signal messenger service.
- (3) Operate a battalion signal information service.

d. Provides a motor messenger and distribution service for pickup and delivery of pouched distribution among the signal centers of the battalion and laterally to adjacent battalion distribution centers.

e. Provides personnel and equipment to establish radio-relay repeater stations in the main trunks of the area signal system and in extension facilities installed and operated by the battalion.

f. Provides a communication center displacement capability and a limited augmentation of multichannel radio and wire equipment and personnel to support the area signal centers of the battalion.

g. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 13 WO 3 EM 111 Agg 127.

Basis of allocation. One per signal combat area battalion, TOE 11-85E.

Mobility. Ninety percent mobile.

11-87E Sig Cmbt Area Co

Mission. To install, operate, and maintain one area signal center of the field army area signal system.

Assignment. Organic to the signal combat area battalion, TOE 11-85E.

Capabilities. a. Installs, operates, and maintains one area signal center as part of the field army area signal system.

b. Installs and operates the multichannel radio-relay and wire carrier terminals which provide the trunk circuits to adjacent area signal centers.

c. Installs and maintains spiral-4 trunk cable links to adjacent area signal centers.

d. Provides multichannel radio-relay and/or cable extension links to user units and field wire locals as required.

e. Provides telephone and teletypewriter patching and switching facilities.

f. Provides terminal teletypewriter, message center, and cryptographic service for units served by the center.

g. Operates a radio wire integration facility.

h. Provides third-echelon maintenance of organic signal equipment.

i. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 EM 166 Agg 172.

Basis of allocation. Four per signal combat area battalion, TOE 11-85E.

Mobility. Ninety percent mobile.

11-95D Army Sig Bn

Mission. a. To provide signal communications for a field army and rear command posts.

b. To provide signal personnel and equipment for the installation and operation of a field army alternate command post.

c. To provide signal communications and facilities for the tactical operations center at field army level and associated air support communications.

d. To provide ground photographic service for a field army headquarters.

e. To provide an air courier and messenger service for a field army.

Assignment. To headquarters and headquarters detachment, signal group, TOE 11-22E, for administrative control; operational control vested in the field army signal officer.

Capabilities. *a.* Installs, operates, and maintains all means of signal communication at the field army main, rear, and alternate command posts, the tactical operations center and for associated air support communication facilities, to include message center, motor messenger, cryptographic facsimile, teletypewriter, telephone, and radio.

b. Installs and operates radio-relay systems from echelons of the field army headquarters to points of entry into the field army area signal system.

c. Installs and operates spiral-4 cable carrier systems (excluding the installation and maintenance of the cable and unattended repeaters) from echelons of the field army headquarters to designated area signal centers.

d. Provides signal facilities for the operation of a field army mobile tactical command post when required.

e. Provides multichannel systems to connect field army units to field army rear, main, or alternate communication centers as required.

f. Provides ground photographic service for a field army headquarters, including reproduction of Army aviation aerial photographs, but excluding reproduction of Air Force aerial reconnaissance photographs and exposed motion-picture film.

g. Operates an air courier and messenger service between echelons of the field army headquarters and major subordinate commands.

h. The air messenger section augmentation (Off 7 EM 9) in headquarters and headquarters company, TOE 11-96D, provides aviation support in the absence of adequate support by field army aviation units.

i. This unit will be attached to, or is dependent on—

- (1) Field army area signal system for long-line trunk facilities in the field army area.
- (2) Signal cable construction battalion for installation and maintenance of spiral-4 cable and unattended repeaters in land-line systems and for connecting echelons of the field army headquarters to field army rear signal centers.
- (3) Transportation Army helicopter companies for helicopter support.

(4) Appropriate medical units in the area.

j. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 39 WO 13 EM 1,062 Agg 1,114.

Basis of allocation. One per headquarters and headquarters detachment, signal group, TOE 11-22E.

Mobility. Ninety percent mobile.

11-96D HQ & HQ Co, Army Sig Bn

Mission. *a.* To direct and coordinate operations and training of the army signal battalion and to provide the headquarters facilities with which the battalion commander exercises control.

b. To provide consolidated personnel management and administration, battalion supply, and supplemental signal equipment and motor vehicle maintenance for the battalion.

c. To provide ground photographic service at a field army headquarters and still-picture laboratory service for field army units as needed.

d. To provide an air messenger and courier service for the field army headquarters and the air messengers for the area signal messenger service.

Assignment. Organic to army signal battalion, TOE 11-95D.

Capabilities. *a.* Plans, commands, controls, and coordinates the operations and training of the army signal battalion.

b. Provides administrative and logistical support for the army signal battalion, to include—

- (1) Consolidated personnel management.
- (2) Supplemental organizational maintenance for organic units' signal equipment and motor vehicles.
- (3) Coordination of requisitions and technical service supply and salvage for organic units.
- (4) Mess supervision and inspection.
- (5) Coordination of third-echelon maintenance requirements with field army maintenance and depot units.

c. Provides ground photographic service at a field army headquarters, to include still, identi-

fication, and motion picture, but excluding the processing of exposed motion-picture film.

d. Provides air courier and air messenger service between echelons of field army headquarters and major subordinate commands.

e. Air messenger section augmentation (Off 7 EM 9) provides aviation support, except helicopter, for air courier and messenger runs to corps and echelons of the headquarters when adequate support cannot be furnished by field army aviation units.

f. This unit is dependent on transportation Army helicopter companies for helicopter support.

g. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 15 WO 4 EM 116 Agg 135.

Basis of allocation. One per army signal battalion, TOE 11-95D.

Mobility. a. Ninety percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

11-97D Sig Comd Op Co, Army Sig Bn

Mission. To provide terminal-type signal communication facilities at all echelons of a field army headquarters.

Assignment. Organic to army signal battalion, TOE 11-95D.

Capabilities. a. Installs, operates, and maintains terminal-type signal communication facilities at field army rear, main, and alternate command posts, to include message center, local and motor messenger, cryptographic, facsimile, telephone, and teletypewriter. The field army alternate command post facilities are established on a standby basis only.

b. Provides circuit patching and control facilities at each echelon of the field army headquarters.

c. Operates a motor messenger service between echelons of field army headquarters, to corps headquarters, to airfields providing air courier and messenger service, and to major headquarters in the vicinity of the field army main command post.

d. Provides signal services for units in the vicinity of the field army main and rear command posts when they are materially closer to field army headquarters than a field army area signal center.

e. Provides command, company administration and supply, motor maintenance, and mess facilities for the company.

f. This unit is dependent on—

(1) Headquarters and headquarters company, army signal battalion, for personnel administration and supplemental motor vehicle and signal equipment maintenance and for air courier and air messenger service.

(2) Signal field operations company, army signal battalion, for providing signal trunk facilities, both radio-relay and spiral-4 carrier, from echelons of field army headquarters to designated field army area signal centers; for provision of radioteletypewriter terminals as required; for assignment in the installation of long local wire circuits.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 12 WO 7 EM 418 Agg 437.

Basis of allocation. One per army signal battalion, TOE 11-95D.

Mobility. a. Ninety percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

11-98D Sig Fld Op Co, Army Sig Bn

Mission. a. To provide trunk facilities for connecting field army main and rear command posts into the field army area signal system.

b. To provide trunk facilities for connecting the field army alternate command post into the field army area signal system and for linking the field army main command post with the alternate command post.

c. To provide for the installation and maintenance of field cable from the command posts to radio-relay, radioteletypewriter, and the field army tactical operations center locations; and to install long local wire circuits to units

and installations in the vicinity of echelons of field army headquarters.

d. To provide telephone and telegraph carrier facilities at all echelons of the field army headquarters.

e. To provide radioteletypewriter terminals in nets and point-to-point circuits for purposes of command, logistics, and liaison.

Assignment. Organic to army signal battalion, TOE 11-95D.

Capabilities. *a.* Installs and maintains signal communication trunk facilities (excluding spiral-4 cable and unattended repeater installation and maintenance), including associated terminal and carrier equipment, as follows:

- (1) By radio relay and wire carrier from echelons of field army headquarters to field army area signal centers.
- (2) By radio relay from field army main command post to field army alternate command post.
- (3) By radioteletypewriter to subordinate corps and divisions.
- (4) By radioteletypewriter to adjacent field armies and higher headquarters (army group, air force, advance logistical command, theater army, etc.).
- (5) By radioteletypewriter to liaison officers with army group and adjacent field armies.

b. Installs and maintains multi-pair and spiral-4 cable circuits from the command posts to radio-relay, radioteletypewriter, and field army tactical operations center locations.

c. Installs long local wire circuits at command posts.

d. Operates and maintains telephone and telegraph carrier equipment at each echelon of the field army headquarters.

e. Operates radioteletypewriter sets in mobile field army emergency nets, such as rear area security and area damage control.

f. Provides command, administration, company supply, mess facilities, and organizational maintenance on signal equipment and motor vehicles for the company.

g. This unit is dependent on—

- (1) Headquarters and headquarters company, army signal battalion, for per-

sonnel administration and supplemental organizational maintenance and signal supply.

- (2) Signal cable construction battalion for the installation and maintenance of spiral-4 cable circuits and associated unattended repeaters from echelons of field army headquarters to designated field army area signal centers.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 WO 1 EM 337 Agg 345.

Basis of allocation. One per army signal battalion, TOE 11-95D.

Mobility. *a.* Ninety percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

11-99D Sig Spt Op Co, Army Sig Bn

Mission. *a.* To provide tactical operations center facilities for a field army headquarters.

b. To provide the radioteletypewriter equipment and personnel to support field army air-ground operations.

Assignment. Organic to army signal battalion, TOE 11-95D.

Capabilities. *a.* Provides and installs two tactical operations center facilities—one for the field army main headquarters and one for a field army alternate headquarters. This includes signal operating personnel for fulltime operation of the main tactical operations center and a skeleton-operating force for the alternate tactical operations center.

b. Provides and operates radioteletypewriter equipment as follows:

- (1) At the main tactical operations center—
 - (a) Net control stations for three field army air request nets.
 - (b) The net control station in the field army information net.
 - (c) Net control stations for two ground liaison officer nets operating with air force fighter-bomber bases.
 - (d) Net control station for the field army weather net.

- (2) At the alternate tactical operations center, displacement capability for the stations in operation at the main tactical operations center.
- (3) At air force fighter-bomber bases, eight sets organized into two nets.
- (4) At the air reconnaissance support battalion—
 - (a) One set for operation in the field army information net.
 - (b) Five sets for operation in a tactical reconnaissance net with ground liaison officers at air force tactical reconnaissance bases.
- c. Provides command, company administration and supply, motor maintenance, and mess facilities for the company.
- d. This unit will be attached to, or is dependent on—
 - (1) Cable-wire installation section of the signal field operations company for installation and maintenance of multipair cables from the tactical operations center switchboard van to the field army main communication patching panel; also, an identical installation at the location of the alternate tactical operations center.
 - (2) Other elements of the battalion and the field army area signal system for trunk circuits to corps fire support coordination center, or equivalent, and to other tactical support agencies operating at a distance from the tactical operations center.
 - (3) The signal field operations company for assistance in messing tactical operations center personnel located at the field army alternate tactical operations center.
 - (4) Headquarters and headquarters company, army signal battalion, for personnel administration and supplemental motor vehicle and signal equipment maintenance.
- e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 1 EM 191 Agg 197.

Basis of allocation. One per army signal battalion, TOE 11-95D.

Mobility. a. Ninety percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

11-116R HHD, Sig Spt Bn

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. To field army, army group, or theater army logistical command.

Capabilities. a. Provides command, control, staff planning, and supervision, to include administration, supply, and organizational maintenance for a battalion consisting of from three to seven companies.

b. This organization is not self-sufficient and will be attached to units assigned to this battalion for mess.

Strength. Off 7 WO 3 EM 36 Agg 46.

Basis of allocation. One per three to seven companies.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. This composite organization may have, either assigned or attached, the following type units:

Signal support companies, TOE 11-117R.
Signal construction companies, TOE 11-27D.

11-117R Sig Spt Co

Mission. To establish, operate, and maintain a portion of the integrated signal communication system within the field army area or communications zone as required.

Assignment. Assigned to headquarters and headquarters detachment, signal support battalion, TOE 11-116R.

Capabilities. Provides the following command and administrative communication facilities and service support within the field army area or communications zone as required:

a. Installs, operates, and maintains signal communication for a maximum of three field

army ~~area~~ signal centers, to include radio, radio-relay, telephone, teletypewriter, message center, and limited local air messenger service.

b. Provides radio for field army support organization as required and for special missions.

Strength. Off 11 EM 266 Agg 277.

Basis of allocation. Four per field army.

Mobility. a. Ninety percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

11-137D Sig Comm Cen Op Co

Mission. To provide internal communications for operational headquarters within the field army area as required.

Assignment. To headquarters and headquarters detachment, signal group, TOE 11-22E.

Capabilities. a. Installs, operates, and maintains internal signal communications for a maximum of five large operational organizations, such as logistical coordination centers, to include telephone, teletypewriter, cryptographic, facsimile, message center and messenger service, and termination of carrier-derived landline circuits.

b. Augments field army area signal centers as required.

c. Depends on the field army area signal system for trunking circuits and termination facilities.

d. This unit will be attached to, or is dependent on, other units for supplemental transportation, medical, and religious support.

e. Individuals of this unit can fight as infantrymen when required. The unit depends on supported organization for local security of installations against hostile ground attack.

Strength. Off 11 EM 280 Agg 291.

Basis of allocation. One per field army.

Mobility. a. Ninety percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

11-155D Army Sig Sup and Maint Bn

Mission. a. To operate the field army signal depots and signal supply and maintenance points.

b. To provide semifixed fourth-echelon maintenance of signal equipment within a field army.

c. To provide mobile third-echelon and limited mobile fourth-echelon maintenance for signal equipment within a field army.

Assignment. To headquarters and headquarters detachment, signal group, TOE 11-22E.

Capabilities. a. Provides supply and maintenance support for a field army consisting of 3 corps of 12 divisions. This support is provided by the following facilities:

- (1) Operation of two depots for all classes of signal supply.
- (2) Operation of three signal supply and maintenance points.
- (3) Semifixed fourth-echelon maintenance for all types of signal equipment within a field army.
- (4) Mobile third-echelon and limited mobile fourth-echelon maintenance within a field army for all types of signal equipment.

b. The unit is dependent on other units for medical and dental services and supplemental transportation.

c. Electronic warfare platoon augmentation (Off 5 WO 5 EM 23) in headquarters and headquarters detachment, TOE 11-156D, provides technical maintenance assistance and guidance to electronic warfare units (except USASA) within a field army, study and analysis of enemy electronic warfare operational techniques and equipment, and development and performance of field modifications of electronic warfare equipment.

d. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 43 WO 24 EM 776 Agg 843.

Basis of allocation. One per field army signal group.

Mobility. a. See components below for ground mobility.

b. One hundred percent air-transportable in medium transport aircraft.

11-156D HHD, Army Sig Sup and Maint Bn

Mission. a. To plan, coordinate, and supervise the operations and training of army signal supply and maintenance battalion.

b. To provide the facilities with which the battalion commander controls the battalion.

c. To operate the central stock control section.

Assignment. Organic to army signal supply and maintenance battalion, TOE 11-155D.

Capabilities. a. Plans, commands, supervises, and coordinates the operations and training of army signal supply and maintenance battalion.

b. Provides the facilities with which the battalion commander controls the battalion.

c. Operates and maintains the central stock control section, which provides the stock control and maintenance information for the battalion.

d. Provides administrative and logistical support for army signal supply and maintenance battalion.

e. Provides mess and motor maintenance personnel to augment the signal depot company, to which it may be attached.

f. This unit is not self-sufficient and normally is attached to a signal depot company for mess, motors, and supplemental transportation.

g. Electronic warfare platoon augmentation (Off 5 WO 5 EM 23) provides this unit with the following capabilities:

- (1) Rapid study and analysis of enemy electronic warfare operational techniques and equipment which limit effectiveness of electronic warfare operations and equipment.
- (2) Development and performance of field modifications of electronic warfare equipment to react quickly to changing requirements.
- (3) Technical maintenance assistance and guidance to electronic warfare units (except USASA) in the field army area.

h. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 14 WO 1 EM 52 Agg 67.

Basis of allocation. One per army signal supply and maintenance battalion, TOE 11-155D.

Mobility. a. Sixty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

11-157D Sig Fwd Sup and Maint Co

Mission. a. To operate one or more field army signal supply and maintenance points.

b. To provide mobile signal maintenance support in the forward portion of the field army (corps) area.

Assignment. Organic to army signal supply and maintenance battalion, TOE 11-155D.

Capabilities. a. Provides the following facilities within the forward portion of a field army (corps) area normally occupied by a four-division corps:

- (1) Operation of one or more signal supply and maintenance points.
- (2) Mobile third-echelon and limited mobile fourth-echelon maintenance for all types of signal equipment.

b. This unit is self-sufficient in that it provides for its own administration, mess, and motor maintenance. When required, this unit is capable of operating as a separate company for limited periods of time.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 WO 3 EM 136 Agg 146.

Basis of allocation. Three per army signal supply and maintenance battalion, TOE 11-155D.

Mobility. a. Ninety percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

11-158D Sig Dep Co

Mission. To operate a field army signal depot.

Assignment. Organic to army signal supply and maintenance battalion, TOE 11-155D.

Capabilities. a. Provides the following facilities within a field army consisting of 3 corps of 12 divisions:

- (1) Operation of one depot which provides half of the signal depot support for the field army, including proportionate distribution of all signal supplies to the signal supply and maintenance points.
- (2) A proportionate share of the third- and fourth-echelon maintenance, including limited on-site mobile maintenance, for all types of signal equipment within a field army.

b. This unit is self-sufficient in that it provides for its own administration, mess, and motor maintenance. When required, this unit is capable of operating as a separate company for limited periods of time.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 WO 7 EM 158 Agg 169.

Basis of allocation. Two per army signal supply and maintenance battalion, TOE 11-155D.

Mobility. a. Forty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

11-165D AD EW Sig Bn, Army

Mission. To support the air defense effort for the protection of field army and corps installations with ground-based electronic warfare operations.

Assignment. To air defense artillery brigade in a field army.

Capabilities. a. Provides electronic warfare operations in support of the air defense effort.

b. Provides electronic warfare liaison personnel to group and brigade air defense command posts.

c. Supervises and coordinates at air defense artillery group level the employment and deployment of electronic warfare equipment.

d. Intercepts and jams electronic radiations from enemy aircraft, guided missiles, and bombs.

e. Denies the enemy use of airborne electronic identification and navigational aids,

bombing radar, and interferes with the control of enemy guided missiles.

f. Causes premature detonation or malfunction of enemy electronically fuzed guided missiles or bombs.

g. Depends on the army signal supply and maintenance battalion, TOE 11-155D, for signal supply and field maintenance of signal equipment.

h. Provides third-echelon maintenance for electronic warfare equipment as well as organizational maintenance for all organic equipment.

i. The unit is dependent on appropriate medical units in the area.

j. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 51 WO 8 EM 1,012 Agg 1,071.

Basis of allocation. One per air defense artillery brigade assigned to a field army.

Mobility. a. See components below for ground mobility.

b. One hundred percent air-transportable in medium transport aircraft.

Components. Composed of the following units:

One headquarters and headquarters detachment, TOE 11-166D (90 percent mobile).

Five air defense electronic warfare signal companies, army, TOE 11-167D (100 percent mobile).

11-237D Sig Co, US Army MSLCOMD (Air-Trans)

Mission. a. To provide signal communications for the missile command headquarters, the support company, and for units in the vicinity of these communication centers.

b. To establish and operate facilities to connect subordinate units to missile command headquarters, utilizing wire, radio relay, and radio.

c. To operate the messenger service.

d. To establish and operate connecting communication facilities to higher US forces, sup-

porting logistical bases, and supported ground forces.

Assignment. Organic to US Army missile command (air-transportable), TOE 39-51D.

Capabilities. a. Provides the following facilities for a US Army missile command (air-transportable):

- (1) Installs, operates, and maintains signal centers for the missile command headquarters, to include operation on a 24-hour basis of—
 - (a) Message center, cryptographic, and teletypewriter facilities.
 - (b) One 2-position or two 1-position manual telephone central offices.
 - (c) Up to four teletypewriter and two CW/voice radio stations in higher US headquarters and missile command radio nets.
 - (d) Up to two radio-relay links which can be repeated to subordinate units and supported commands.
 - (e) Command post wire systems, to include connection with subordinate units and supported commands within the capability of three 8-man construction teams.
- (2) Installs, operates, and maintains signal center for service and supply elements, to include message center, cryptographic, teletypewriter, and telephone central facilities.
- (3) Operates the force motor messenger service, to include utilization of up to three 2-man motor messenger teams.
- (4) Provides organizational maintenance for organic signal equipment and third-echelon signal supply and maintenance support for the missile command.
- (5) Provides photo coverage (less motion picture) and still-picture laboratory service for the missile command, except for photographic services required by the aerial surveillance platoon of the headquarters and headquarters company, TOE 39-52D.

b. This unit will be attached to, or is dependent on, other units for motor maintenance, medical, dental, and religious services.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 2 EM 146 Agg 153.

Basis of allocation. One per US Army missile command (air-transportable), TOE 39-51D.

Mobility. Eighty-five percent mobile and air-transportable.

Remarks. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

11-238P (Proposed) Sig Co, US Army MSLCOMD (Mdm)

Mission. a. To install, operate, and maintain communication systems for the US Army missile command (medium), to include the establishment of signal centers at the missile command headquarters, the service and support group, and two field artillery groups.

b. To provide ground photographic coverage (less motion picture) and still-picture laboratory service for all units of the missile command, except the target acquisition batteries.

Assignment. Organic to the US Army missile command (medium), TOE 39-61P.

Capabilities. a. Installs, operates, and maintains four signal centers on a 24-hour basis.

b. Operates radio, radio-relay, and messenger service between the signal centers and the supported forces.

c. Provides ground photographic coverage (less motion picture) and still-picture laboratory service to all units of the missile command, except the target acquisition batteries.

d. Provides direct signal supply and signal field maintenance to the missile command, to include third-echelon support for drone aircraft.

e. Provides radio terminals and relays, when required from the nearest signal center to the CORPORAL, engineer, and ordnance battalions.

f. Provides radio terminals and relays, when required, to other units when operating remote from the group to which attached.

PART II

g. Provides area signal center service to units located in the vicinity of existing signal centers, to include message traffic handling and telephone switching service.

h. Provides command, company administration, supply, motor maintenance, and mess facilities for the company.

i. This unit will be attached to, or is dependent on, other units for medical, dental, and religious services.

j. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 12 WO 6 EM 381 Agg 399.

Basis of allocation. One per US Army missile command (medium), TOE 39-61P.

Mobility. One hundred percent mobile.

Remarks. a. For data concerning vehicles and armament, see table XII.

b. Above data are included for planning purposes only and do not reflect final DA approval.

11-500P (Proposed) Sig Spec Org

Mission. To install, operate, and maintain communications; and to provide pictorial services, electronic countermeasures, signal intelligence, and supply and maintenance of Signal Corps equipment.

Assignment. Attached or assigned to division, corps, field army, theater, or theater army logistical command, as required.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and grouping of the teams used. Individual team capabilities are as indicated in detailed breakdown of teams.

b. Mess, automotive maintenance, and Army aviation operation and maintenance teams will be drawn from TOE 29-500D. Basis for computation of teams required will be the number of personnel to be messed, the number of vehicle equivalents requiring organizational maintenance, and the number of aircraft requiring operational and maintenance support.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. As indicated in detailed breakdown of teams.

Remarks. a. The cellular teams provided under this TOE may be used to augment existing units; may be combined to form a signal service organization of detachment, platoon, company, battalion, or group strength; or may be employed as separate teams.

b. Data are included for planning purposes only and do not reflect final DA approval.

Part 1—Administrative Teams

Teams AA, AB, AC, and AD

Team AA, platoon headquarters

Capabilities. Provide administrative and technical control of two or more teams which operate as a component of a larger organization.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per 2 or more teams of a total strength not less than 40 individuals which operate as a component of a larger administrative organization, and to which no officer is organically assigned.

Team AB, platoon headquarters (separate)

Capabilities. Provide administrative and technical control of two or more teams which operate separately.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per 2 or more teams of a total strength not less than 40 individuals which operate separately, and to which no officer is organically assigned.

Team AC, company headquarters

Capabilities. Provides administrative control of two or more platoons.

Strength. Off 2 EM 9 Agg 11.

Basis of allocation. One per 2 or more platoons, except that the company strength will not be less than 100 individuals.

Team AD, battalion headquarters

Capabilities. Provides administrative control of three to seven companies.

Strength. Off 7 WO 1 EM 17 Agg 25.

Basis of allocation. One per three to seven companies.

Part 2—Pictorial Teams

Teams FA to FR

Team FA, photographic assignment

Capabilities. Takes still photographs and silent motion-picture footage for all types of Army requirements. Can operate as an integral team or as two teams: one for still photography and one for motion-picture photography. Can accomplish routine assignments of special Department of the Army assignments in CONUS, in a communications zone, or in a combat zone.

Strength. Off 1 EM 4 Agg 5.

Basis of allocation. One or more per signal specialized organization charged with this responsibility.

Team FB, motion-picture laboratory

Capabilities. Installs, operates, and maintains a field motion-picture laboratory that develops motion-picture film and prepares motion-picture prints for critique purposes. Performs the chemical mixing and sensitometry required. Operates the type of facility normally required at a theater army headquarters.

Strength. Off 2 EM 24 Agg 26.

Basis of allocation. Normally one per theater army headquarters within the photographic organization.

Team FC, newsreel assignment

Capabilities. Takes sound and silent motion-picture footage of professional quality for use in newsreels, television releases, training films, information films, combat bulletins or for general stock footage. Has limited still-photographic capability. Operates in CONUS, in a communications zone, or in a combat zone in accomplishing routine assignments or Department of the Army special assignments.

Strength. Off 1 EM 6 Agg 7.

Basis of allocation. One or more per signal specialized organization charged with this responsibility.

Team FD, identification

Capabilities. Takes and processes 200 to 300 personnel identification pictures daily. Operates at an established laboratory or in a separate location.

Strength. EM 4.

Basis of allocation. One or more per signal specialized organization charged with this responsibility.

Team FE, still-picture laboratory

Capabilities. Provides a large still-photographic laboratory normally required at a theater army headquarters, to include the processing, printing, copying, captioning, and still-photographic files required. Screens and forwards permanent still-picture records to the Department of the Army as assigned. Performs limited higher echelon maintenance of photographic equipment of the team. Provides processing facilities for photographic assignment teams of the organization; laminates personnel identification cards.

Strength. Off 1 EM 29 Agg 30.

Basis of allocation. Normally one per theater army headquarters within the photographic organization.

Team FF, still-picture laboratory (small)

Capabilities. Processes and prints official Army and other still photographs. Operates in a mobile or static situation. Also has limited still-photographic capability.

Strength. EM 5.

Basis of allocation. Normally one per photographic or surveillance unit charged with this responsibility.

Team FG, telephoto transmission

Capabilities. Installs, operates, and maintains telephoto and associated laboratory facilities at a single station.

Strength. EM 5.

Basis of allocation. Normally one per headquarters photographic facility operating in a situation requiring telephoto service.

Team FH, photographic maintenance

Capabilities. Provides field maintenance and limited base maintenance of camera, laboratory, and projection equipment. Capable of mobile repair operation in CONUS, in a communications zone, or in a combat zone.

Strength. EM 3.

Basis of allocation. Normally one per team

KA charged with the responsibility for maintenance of photographic equipment. Can be used to augment team FE or FB, or to provide photographic repairs where a special requirement for mobility exists.

Team FI, motion-picture production

Capabilities. Produces edited motion-picture film reports on logistical or operational subjects in CONUS or in a communications zone for use by staff and operations agencies as authorized by the Department of the Army. Produces edited special motion-picture features containing news and historical records of actions or events of military significance for public release and for training when authorized by the Department of the Army.

Strength. Off 6 EM 15 Agg 21.

Basis of allocation. Normally one per theater army headquarters or major logistical command headquarters.

Team FJ, class A film and equipment exchange

Capabilities. Operates a central film and equipment exchange at theater army headquarters or in other large areas. Consolidates all requests for pictorial training aids, projection equipment, and allied film and equipment exchange equipment. Maintains the depot pictorial training aids stock and projection equipment for all film and equipment exchanges in the theater or zone. Serves troops at theater army headquarters and other units not served by teams FK and FL with equipment and pictorial training aids. Provides projectionist training. Supervises compilation of film utilization data for the entire area. Provides assistance to training officers.

Strength. Off 2 EM 11 Agg 13.

Basis of allocation. Normally 1 per 75,000 troops.

Team FK, class B film and equipment exchange

Capabilities. Provides film and equipment exchange service for approximately 60,000 troops. Provides required pictorial training aids and projection and related equipment, maintenance of pictorial training aids and projection equipment, and training for projectionists. Assists training officers.

Strength. Off 1 EM 8 Agg 9.

Basis of allocation. Normally 1 per 60,000 troops.

Team FL, class C film and equipment exchange

Capabilities. Provides reduced-scale teams FK at Army schools or at isolated units up to 10,000 troop strength.

Strength. EM 3.

Basis of allocation. Normally 1 per Army school or isolated unit up to 10,000 troop strength.

Team FM, signal photo (still picture)

Capabilities. Provides a limited amount of still photography and processing in semiestablished locations for operations, intelligence, or public information use. May augment other photographic teams.

Strength. EM 2.

Basis of allocation. One or more per signal specialized organization charged with this responsibility.

Team FN, photographic surveillance

Capabilities. Provides for the taking and development of long-range still pictures for immediate use by intelligence and/or operational activities. For use in CONUS, a communications zone, or in a combat zone.

Strength. Off 1 EM 4 Agg 5.

Basis of allocation. One or more per signal operation or other organization charged with this responsibility.

Team FO, technical TV

Capabilities. Installs and operates specialized TV systems used in industrial and technical applications. TV equipment must be authorized as special by the Chief Signal Officer with approval of the Department of the Army.

Strength. Off 1 EM 8 Agg 9.

Basis of allocation. One or more per signal operation or other organization charged with this responsibility.

Team FP, TV studio

Capabilities. Team provides for limited TV studio production, facilities, and transmission of TV programs at low-power in CONUS, com-

munications zone, or in the combat zone. TV equipment must be authorized as special by the Chief Signal Officer with the approval of the Department of the Army.

Strength. WO 1 EM 9 Agg 10.

Basis of allocation. One or more per signal operation or other organization charged with this responsibility.

Team FQ, TV production

Capabilities. Provides for the operation of a TV studio to produce and present TV programs. Also is employed to exploit other military applications of TV. TV equipment must be authorized as special by the Chief Signal Officer with the approval of the Department of the Army.

Strength. Off 5 WO 1 EM 22 Agg 28.

Basis of allocation. One or more per organization charged with this responsibility.

Team FR, technical supply and maintenance

Capabilities. Provides technical supply and maintenance facilities for TV teams and units, including fourth- and fifth-echelon maintenance. TV equipment must be authorized as special by the Chief Signal Officer with the approval of the Department of the Army.

Strength. Off 1 WO 1 EM 12 Agg 14.

Basis of allocation. One or more per team KA or signal specialized organization charged with this responsibility.

Part 3—Wire Teams

Teams GA to GS

Team GA, 30-line switchboard

Capabilities. Provides installation, 24-hour operation, and maintenance of a 1-position, manual, 30-line switchboard, including the installation and repair of associated telephones.

Strength. EM 6.

Basis of allocation. One per unit requiring 30-line or smaller switchboard facilities.

Team GB, one-position switchboard

Capabilities. Provides 24-hour operation and maintenance of a 1-position magneto or common-battery switchboard of 100-line capacity

or less, including the installation and repair of telephones.

Strength. EM 7.

Basis of allocation. One per 60- to 100-line switchboard.

Team GC, 200-line automatic switchboard

Capabilities. Provides maintenance of a 200-line automatic switchboard, including 24-hour operation and maintenance of a 1-position manual switchboard, and the installation and repair of telephones.

Strength. Off 1 EM 13 Agg 14.

Basis of allocation. Normally 1 per automatic switchboard of approximately 200-line capacity.

Team GD, switchboard installation

Capabilities. Provides initial installation of magneto, common-battery, or automatic telephone centrals of any size. Capable of installing a three-position common-battery switchboard in about 8 hours. May be used to make major repairs on switchboards.

Strength. Off 1 EM 15 Agg 16.

Basis of allocation. One or more per signal specialized organizations charged with the responsibility for installation of telephone centrals.

Team GE, switchboard operation

Capabilities. Provides 24-hour operation of a one-position switchboard, or the augmentation of switchboard teams when additional operating personnel are required.

Strength. EM 4.

Basis of allocation. Normally one per switchboard position not otherwise provided with operating personnel.

Team GF, teletypewriter

Capabilities. Provides installation, 24-hour operation, and maintenance of from 5 to 10 teletypewriters.

Strength. Off 1 EM 17 Agg 18.

Basis of allocation. Normally 1 per 5 to 10 teletypewriters requiring installation, operation, and maintenance at a single location.

Team GG, teletypewriter (augmentation)

Capabilities. Provides 24-hour operation of one to three teletypewriters, or the augmentation of teletypewriter teams when only operating personnel are required.

Strength. EM 4.

Basis of allocation. Normally one per one to three teletypewriters not otherwise provided with operating personnel.

Team GH, teletypewriter repairman

Capabilities. Provides installation and maintenance of teletypewriter equipment. May be used to augment team GF.

Strength. EM 1.

Basis of allocation. One per 12 to 15 teletypewriter equipment.

Team GI, carrier and repeater

Capabilities. Provides 24-hour operation and maintenance of a carrier facility consisting of 2 carrier terminals and 1 intermediate attended repeater station providing 1 to 10 adjacent carrier systems and necessary power equipment.

Strength. EM 4.

Basis of allocation. Normally one per carrier installation of two terminals and one repeater station not otherwise authorized operating and maintenance personnel.

Team GJ, carrier-repeater (augmentation)

Capabilities. Provides 24-hour operation and maintenance of one carrier terminal or one intermediate attended repeater station of a carrier facility providing 1 to 10 adjacent carrier systems and necessary power equipment.

Strength. EM 5.

Basis of allocation. Normally augments team GH on the basis of one per terminal or repeater station not otherwise provided with operating and maintenance personnel.

Team GK, wire equipment installation and repair

Capabilities. Provides installation of special equipment such as test boards; telephone repair of telephone equipment.

Strength. EM 3.

Basis of allocation. One or more per signal

specialized organization charged with this responsibility.

Team GL, wire equipment repair

Capabilities. Provides third- and fourth-echelon maintenance of wire communication equipment.

Strength. EM 5.

Basis of allocation. Normally one or more per team KB charged with the responsibility for repair and maintenance of wire communication equipment. May be used to augment team KA.

Team GM, coaxial cable terminal

Capabilities. Provides 24-hour operation and maintenance of one coaxial cable terminal. Terminal equipment must be authorized as special, or on project basis by the Department of the Army.

Strength. EM 4.

Basis of allocation. Normally one per coaxial cable terminal.

Team GN, wire construction

Capabilities. Provides installation of field wire, open wire, and rubber cable; and the rehabilitation of open wire. May be used to augment existing construction units.

Strength. EM 11.

Basis of allocation. One or more per signal specialized organization charged with this responsibility.

Team GO, cable repair

Capabilities. Splices communication cable. Capable of two splices simultaneously, providing splices are to be made in same immediate area.

Strength. EM 4.

Basis of allocation. One or more per signal specialized organization charged with this responsibility.

Team GP, right-of-way construction

Capabilities. Clears right-of-way for pole line construction and aerial wire installations and constructs temporary roads incident thereto.

Strength. EM 3.

Basis of allocation. One or more per signal specialized organization charged with this responsibility. Normally augments construction units.

Team GQ, power

Capabilities. Performs all duties associated with the installation of power-generating equipment and supplying of power to lines. Power equipment must be authorized as special by the Department of the Army.

Strength. EM 5.

Basis of allocation. One or more per signal service organization charged with this responsibility.

Team GR, maintenance team POL pipeline district

Capabilities. a. Provides installation and maintenance of terminal communication equipment, to include telephone selector apparatus, telegraph repeaters, teletypewriter equipment, and VHF radio sets; uses authorized tools and equipment to supplement the tools and test equipment furnished with the communication system.

b. Maintains open-wire pole lines constructed or rehabilitated for the pipeline system by theater signal construction troops. Construction and rehabilitation of open-wire pole lines are not within the capabilities of this team.

c. This team must be augmented to provide capabilities a and b, above, for branch lines connecting to the main pipeline in the district.

d. This team is dependent on the quarter-master POL pipeline organization to which attached for administrative and logistical support.

Strength. Off 1 EM 17 Agg 18.

Basis of allocation. One per 390-kilometer (240-mile) military POL pipeline district.

Team GS, circuit control

Capabilities. Provides establishment and 24-hour operation of a circuit control facility providing interconnection, patching, and testing for a maximum of 300 telephone and/or teletypewriter circuits.

Strength. EM 3.

Basis of allocation. One per air defense artillery group; one per air defense artillery battalion; one per signal center requiring this facility not otherwise authorized.

Part 4—Depot, Signal Center, and Cryptographic Teams

Teams KA, KB, KC, KD, MA, MB, MC, MD, NA, NB, and NC

Team KA, depot

Capabilities. Provides storage, issue, and fourth-echelon maintenance of signal equipment.

Strength. WO 1 EM 10 Agg 11.

Basis of allocation. One per 5,000 troops or less supported; two per 5,000 to 15,000 troops supported.

Team KB, storage and issue

Capabilities. Provides storage and issue functions of signal equipment. Must be augmented by appropriate wire and radio repair teams from this TOE if depot repair functions are required.

Strength. WO 1 EM 21 Agg 22.

Basis of allocation. One per 25,000 troops supported.

Team KC, inspection and maintenance

Capabilities. Provides specially trained technicians to aid units having difficult signal maintenance problems through on-the-job dissemination of recent maintenance practices.

Strength. Off 3 EM 6 Agg 9.

Basis of allocation. One or more per theater, as required.

Team KD, depot electronic equipment repair

Capabilities. Provides depot maintenance of meteorological, facsimile, air navigation, surveillance, television, electronic warfare equipment, and electronic instruments.

Strength. WO 1 EM 15 Agg 16.

Basis of allocation. One per 25,000 troops supported.

Teams MA, MB, and MC, signal center

Capabilities. These teams can process 50-word cryptographic messages in a 24-hour pe-

PART II

ried when half the messages are incoming and half are outgoing, as follows:

Team	Using manual system	Using cipher machine
MA	up to 40	up to 100
MB	up to 100	up to 250
MC	up to 220	up to 550

Strength. Team MA: EM 5.

Team MB: Off 1 WO 3 EM 43 Agg 47.

Team MC: Off 8 WO 8 EM 74 Agg 90.

Basis of allocation. One or more per message center in accordance with traffic load and above capabilities.

Team MD, messenger

Capabilities. Provides motor messenger service.

Strength. EM 9.

Basis of allocation. Normally one or more per message center charged with the responsibility for messenger service.

Team NA, cryptosupport type A

Capabilities. Provides specially trained technicians to provide the cryptosupport necessary for a division-size task force, to include—

a. Receipt, storage, and issue of cryptomaterial.

b. Accounting for cryptomaterial.

c. Performing third-echelon types of cryptomaintenance.

d. Procuring cryptomaterial from higher headquarters through established cryptochannels to meet current requirements.

e. Maintaining operational reserve stocks of cryptomaterial.

f. Receipt, storage, and issue of unique repair parts required for cryptoequipment.

Strength. Off 1 WO 1 EM 8 Agg 10.

Basis of allocation. Normally 1 per division signal battalion, or 1 per 20,000 troops supported, as augmentation, when required.

Team NB, cryptosupport type B

Capabilities. Provides specially trained technicians to provide the cryptosupport necessary for corps and field army troops to include—

a. Receipt, storage, and issue of cryptomaterial.

b. Accounting for cryptomaterial.

c. Performing third- and fourth-echelon types of cryptomaintenance.

d. Procuring cryptomaterial from higher headquarters through established cryptochannels to meet current requirements.

e. Maintaining operational reserve stocks of cryptomaterial.

f. Receipt, storage, and issue of unique repair parts required for cryptoequipment.

Strength. Off 2 WO 1 EM 18 Agg 21.

Basis of allocation. Normally 1 per corps signal battalion or 1 per 75,000 troops supported, as augmentation, when required.

Team NC, cryptosupport type C

Capabilities. Provides specially trained technicians to provide the cryptosupport necessary for field army troops, to include—

a. Receipt, storage, and issue of cryptomaterial.

b. Accounting for cryptomaterial.

c. Performing fourth-echelon types of cryptomaintenance.

d. Procuring cryptomaterial from higher headquarters through established cryptochannels to meet current requirements of the field army.

e. Maintaining operational reserve stocks of cryptomaterial.

f. Receipt, storage, and issue of unique parts required for cryptoequipment.

Strength. Off 3 WO 1 EM 26 Agg 30.

Basis of allocation. Normally 1 per army signal battalion or 1 per 250,000 troops supported, as augmentation, when required.

Part 5—Crystal Unit, Fabrication, Radio, Radar, and Electronic Equipment Maintenance Teams

Teams RA to RU

Team RA, crystal unit fabrication

Capabilities. Fabricates pressure and spacer-mounted crystal units from crystal blanks.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. Normally one or more per theater where requirements for crystal units are of such volume that they cannot be met by

service from the zone of interior. Normally assigned to team KA

Team RB, mobile radio

Capabilities. Operates and maintains a mobile radio installation.

Strength. EM 5.

Basis of allocation. One per mobile radio installation not otherwise provided with operating and maintenance personnel.

Team RC, radio carrier terminal

Capabilities. Installs, operates, and maintains two radio carrier terminals with associated wire carrier terminals. Must be augmented by one team RH for each intermediate relay station required. Additional equipment may be authorized as special by the Department of the Army.

Strength. Off 1 EM 8 Agg 9.

Basis of allocation. One per two radio carrier terminals.

Team RD, radio repair

Capabilities. Provides field and limited base repair and maintenance of radio equipment. May supervise additional radio repair personnel.

Strength. EM 9.

Basis of allocation. Normally one or more per team KB or other unit charged with the responsibility for repair and maintenance of radio communication equipment. May be used to augment team KA.

Team RE, transportable single sideband terminal

Capabilities. Operates a semifixed radiotelegraph station with receiving and operating positions at one location and the transmitter remotely controlled. Fixed-plant radio equipment must be authorized as special or on a project basis by the Department of the Army.

Strength. Off 1 WO 1 EM 36 Agg 38.

Basis of allocation. Normally one per semifixed radiotelegraph station.

Team RF, transportable MUX facility

Capabilities. Operates and maintains transmitting, receiving, and control positions of a semifixed multichannel radioteletypewriter station. Fixed-plant radio equipment must be

authorized as special or on a project basis by the Department of the Army.

Strength. Off 1 WO 1 EM 28 Agg 30.

Basis of allocation. Normally one per semifixed multichannel radioteletypewriter station.

Team RG, communication center

Capabilities. Provides personnel experienced in the US Army and friendly army communication procedures and equipment for use at Allied headquarters to expedite and simplify communication between the US Army and Allied forces. Required communication equipment must be authorized as special or on a project basis by the Department of the Army.

Strength. Off 3 WO 1 EM 16 Agg 20.

Basis of allocation. Normally one per Allied headquarters, where required.

Team RH, radio relay

Capabilities. Installs, operates, and maintains a radio-relay station between terminals operated by team RC. May be used in lieu of team RC when augmented by team GJ. Additional equipment may be authorized as special by the Department of the Army.

Strength. EM 5.

Basis of allocation. One per radio-relay station. When augmented by team GJ, one per two radio carrier terminals.

Team RI, microwave and tropospheric scatter radio terminal

Capabilities. Installs, operates, and maintains a microwave radio-relay station or terminal or tropospheric scatter radio terminal equipment. Microwave equipment must be authorized as special by the Department of the Army.

Strength. Off 1 EM 8 Agg 9.

Basis of allocation. Normally one per microwave radio-relay station or terminal or tropospheric scatter radio terminal station.

Team RJ, radioteletypewriter code room

Capabilities. Operates and maintains electromechanical cryptographic equipment used in the code room of a radioteletypewriter station. Radioteletypewriter code room equipment, including tools, test equipment, power units, and

PART II

repair parts, will be authorized by the Department of the Army as special, or on a project basis.

Strength. Off 1 WO 2 EM 5 Agg 8.

Basis of allocation. Normally one or more per radioteletypewriter station code room.

Team RK, ionosphere station

Capabilities. Collects data on ionospheric conditions and magnetic storms, makes computations and predictions based thereon, and makes local ionosphere recordings for world tabulations.

Strength. Off 1 EM 7 Agg 8.

Basis of allocation. One per ionosphere recording station.

Team RL, avionics maintenance

Capabilities. Provides third- and fourth-echelon maintenance of Army aircraft radio and navigation equipment and associated ground communication navigation equipment.

Strength. EM 6.

Basis of allocation. One per 25 aircraft or major fraction thereof.

Team RM, search radar maintenance

Capabilities. Provides field maintenance of radar surveillance central AN/GSS-1 and the associated interrogator equipment, and rawin set AN/GMD-1.

Strength. WO 1 EM 4 Agg 5.

Basis of allocation. One or more per unit requiring signal field maintenance of radar and rawin equipment. Normally one per two air defense artillery gun battalions.

Team RN, mortar locator radar maintenance

Capabilities. Provides field maintenance of mortar locator radar equipment.

Strength. WO 1 EM 5 Agg 6.

Basis of allocation. One or more per field artillery unit authorized mortar locator radar equipment when other field maintenance facilities are not available.

Team RO, special-purpose radar maintenance

Capabilities. Provides field maintenance of special-purpose radar equipment, combat sur-

veillance, counter-measures, ground-control approach, and shipboard types, etc.

Strength. WO 1 EM 5 Agg 6.

Basis of allocation. One or more per unit authorized radar equipment when other field maintenance facilities are not available.

Team RP, radar maintenance (augmentation)

Capabilities. Provides augmentation of field radar maintenance teams when additional repair personnel and equipment are required.

Strength. WO 1 EM 3 Agg 4.

Basis of allocation. Normally one per radar maintenance team requiring supplemental personnel and equipment.

Team RQ, electronic meteorological equipment maintenance

Capabilities. Provides third- and fourth-echelon maintenance of electronic meteorological equipment.

Strength. EM 2.

Basis of allocation. One or more per unit requiring this type of maintenance support. May be used to augment team KD or RM when required.

Team RR, air defense system maintenance (air defense artillery group)

Capabilities. Maintains that portion of air defense system (or similar system) located at an air defense artillery group Army air defense command post.

Strength. Off 2 WO 4 EM 40 Agg 46.

Basis of allocation. Normally one per air defense artillery group utilizing air defense system AN/MSG-4 (or similar system).

Team RS, air defense system maintenance (air defense artillery battalion)

Capabilities. Maintains those portions of air defense system AN/MSG-4 (or similar system) located at an air defense artillery battalion and battery.

Strength. WO 1 EM 11 Agg 12.

Basis of allocation. Normally one per air defense artillery battalion utilizing portions of the AN/MSG-4 (or similar system).

Team RT, air defense artillery (group) system communications

Capabilities. Installs communication facilities between air defense artillery battalion and air defense artillery group for employment of a missile monitor AN/MSG-4 when a field army area communication system is not available. Provides one radio-relay repeater to extend the radio link and provide jump displacement when required. Has second-echelon maintenance capability for organic signal equipment.

Strength. Off 1 EM 37 Agg 38.

Basis of allocation. To support air defense artillery units as required.

Team RU, air defense artillery (battalion) system communications

Capabilities. Installs communication facilities between air defense artillery battalion and batteries for employment of a missile monitor AN/MSG-4 when a field army area communication system is not available. Provides two radio-relay repeaters to extend the radio link when required. Has second-echelon maintenance capability for organic signal equipment.

Strength. Off 1 EM 46 Agg 47.

Basis of allocation. To support air defense artillery units as required.

**Part 6—Signal Special-Purpose Teams
Teams TA to TL**

Team TA, signal intelligence officer section

Capabilities. Coordinates activities of two or more teams TB, processes intelligence reports of a higher headquarters, and provides necessary G2-Signal Corps liaison.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. Normally one per corps or type B logistical command and to a theater as required.

Team TB, signal intelligence collection

Capabilities. Collects, identifies, photographs, and reports on collected communication equipment and materiel.

Strength. Off 1 EM 5 Agg 6.

Basis of allocation. Normally two per corps or type B logistical command and to a theater as required.

Team TC, signal intelligence officer section

Capabilities. Coordinates the activities of teams TA, TB, and TD. Supervises the storage, issue, and/or shipment of collected communication equipment and materiel to the rear.

Strength. Off 1 EM 5 Agg 6.

Basis of allocation. Normally one per field army or type C logistical command and to a theater as required.

Team TD, equipment evaluation

Capabilities. Provides technical examination and evaluation of fixed-plant communication installations and other special targets and initiation of pertinent disposition recommendations.

Strength. Off 1 EM 4 Agg 5.

Basis of allocation. Normally one per field army or type C logistical command and to a theater as required.

Team TE, signal intelligence officer section

Capabilities. Coordinates the activities of teams TA, TB, TC, and TD. Disseminates signal intelligence within the theater of operations. Supervises storage, issue, and/or shipment of collected communication equipment and materiel to the zone of interior.

Strength. Off 3 EM 4 Agg 7.

Basis of allocation. Normally one per theater or type C logistical command.

Team TF, automatic data processing system center (large)

Capabilities. a. Provides a large-capacity automatic data processing system (ADPS) center for activities within a theater of operations.

b. Installs, operates, and maintains a large-size ADPS center, consisting of three general-purpose data processors, including associated devices and digital data transmission terminals; maintains a computer program library and adapts same to local requirements for data processing; prepares computer programs for new applications to be used locally.

Strength. Off 2 WO 4 EM 28 Agg 34.

Basis of allocation. Two per theater headquarters; one per field army.

Team TG, automatic data processing system center (medium)

Capabilities. a. Provides a medium-size ADPS center for activities within the field army area which utilizes ADPS, including logistical stock control activities.

b. Installs the center, programs data for processing, and operates and maintains the electronic data processing equipment and associated terminal communication equipment utilized at the center.

Strength. Off 2 WO 3 EM 21 Agg 26.

Basis of allocation. Two per field army; two per corps.

Team TH, automatic data processing system center (small)

Capabilities. a. Provides a small-size ADPS center for activities within the field army area which utilizes ADPS.

b. Installs the center, programs data for processing, and operates and maintains the electronic data processing equipment and associated terminal communication equipment utilized at the center.

Strength. Off 1 WO 1 EM 10 Agg 12.

Basis of allocation. Two per corps.

Team TI, automatic data processing system programing (augmentation)

Capabilities. a. Augments ADPS center technical capabilities for the development of major computer programs within a theater of operations.

b. Adapts and maintains automatic programing and automatic operational procedures and routines; optimizes programs to be widely distributed and used (repetitively); assists ADPS computer centers to adapt programs to local needs or to prepare new programs.

Strength. Off 2 WO 2 EM 4 Agg 8.

Basis of allocation. Two per theater headquarters.

Team TJ, automatic data processing system center (computer operations augmentation)

Capabilities. a. Augments the capability of team TF, TG, or TH to operate an ADPS center.

b. Installs and operates one additional data processor when added to a large, medium, or small ADPS service center.

Strength. WO 1 EM 6 Agg 7.

Basis of allocation. Two per theater headquarters.

Team TK, automatic data processing system center (auxiliary equipment operations augmentation)

Capabilities. a. Augments the capability of team TF, TG, or TH to operate an ADPS service center when additional auxiliary equipment is required.

b. Installs and operates auxiliary equipment when additional auxiliary equipment is required when located remotely from the actual ADPS service center.

Strength. EM 6.

Basis of allocation. Two per theater headquarters.

Team TL, automatic data processing system center (maintenance augmentation)

Capabilities. a. Augments the capability within a theater of operations to maintain the entire complex of automatic data processing (ADP) equipment.

b. Provides a roving-type team to cover the ADPS service centers and installations on a cyclical basis or on request; makes field modifications to ADP equipment as required.

Strength. WO 1 EM 4 Agg 5.

Basis of allocation. Two per theater headquarters.

11-587R Sig Base Maint Co

Mission. To provide base maintenance for signal equipment.

Assignment. Normally assigned to headquarters and headquarters company, signal base depot, TOE 11-592R.

Capabilities. Provides base maintenance of signal equipment for a force of 100,000. Augmentation by labor personnel from quartermaster service company, TOE 10-67C, or other labor sources, is required to perform the handling, packing, crating, and painting required in normal operations.

Strength. Off 4 WO 6 EM 276 Agg 286.

Basis of allocation. Normally one per signal base depot.

Mobility. Fixed.

11-592R HQ & HQ Co, Sig Base Dep

Mission. To provide the staff and personnel for supervision of all signal base depot activities, including supply and base maintenance.

Assignment. To theater army logistical command. May be attached to a general depot or operate as a separate signal base depot.

Capabilities. Supervises one or more signal base depot companies in addition to one or more signal base maintenance companies.

Strength. Off 18 WO 5 EM 69 Agg 92.

Basis of allocation. One per signal base depot or general depot.

Mobility. Fixed.

11-597R Sig Base Dep Co

Mission. To receive, store, and issue all items of signal equipment. To maintain stock levels, follow up requisitions, and perform all other signal supply functions.

Assignment. Normally to theater army logistical command. May be assigned to a general depot or may operate separately.

Capabilities. a. Receives, stores, and supervises the distribution of all signal equipment and supplies to supply points.

b. Maintains a reserve stockage of signal equipment and supplies equivalent to established operating levels for 100,000 individuals.

Strength. Off 2 WO 6 EM 111 Agg 119.

Basis of allocation. One or more per theater army logistical command or general depot.

Mobility. Fixed.

Section VII. ADJUTANT GENERAL

12-17D SPS Co

Mission. To produce and/or provide entertainment and recreation programs for troops in an oversea area.

Assignment. To field army, corps, or theater army logistical command as required.

Capabilities. a. Provides motion-picture showings, crafts programs, library service, sports programs, and live entertainment programs for 200,000 troops. Company headquarters and 1 recreation platoon are capable of providing administration, recreation, and entertainment support for a recreation center with a concentration of 5,000 to 10,000 troops. Each platoon is capable of independent operation.

b. This unit is dependent on the unit to which attached or assigned or on mess teams from TOE 29-500D for mess.

c. Individuals, except WAC, of this unit can fight as infantrymen when required. Except when WAC personnel are authorized, the unit has the capability of defending itself and its installations against hostile ground attack.

d. Department of the Army civilians may be utilized to fill all skilled special services positions (MOS 073- and 074-series), except in units assigned to combat areas. The total number of Department of the Army civilian employees which may be utilized in a particular special services company will be determined by the major commander concerned.

Strength. Off 6 EM 97 Agg 103.

Basis of allocation. a. One per corps.

b. One per 200,000 troops or major fraction thereof in the communications zone.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

12-47E PRD

Mission. To provide intransit mail routing and redistribution service between Army post offices in the area served and between Army post offices and serving base post offices.

Assignment. To field army or major headquarters in the communications zone.

Capabilities. a. Provides intransit mail routing and redistribution service for approximately 150,000 to 200,000 troops in combat or communications zones.

b. Department of the Army civilian employees may be utilized to fill all skilled postal positions (MOS 714-series) which are indicated as enlisted spaces.

c. The total number of Department of the Army civilian employees which may be utilized in a particular postal regulating detachment must be determined by the major commander to which the unit is assigned, subject to the following criteria:

- (1) Department of the Army civilian employees will not replace US military personnel in units assigned to a field army.
- (2) The military personnel retained in a unit will be equivalent in number to two cadres for that particular unit.

d. This unit will be attached to other units for mess, supply, communications, medical service, security guards, and motor maintenance.

e. Arms and individual equipment are authorized for US military personnel only. When Department of the Army civilian employees are utilized, mail guards will be furnished by the units to which this unit is attached.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 3 EM 40 Agg 43.

Basis of allocation. Allocated on the basis of strength of forces to be served.

Mobility. Thirty percent mobile.

12-107D Army Band

Mission. a. To promote and maintain the morale and *esprit de corps* of troops by providing suitable music for military formations, formal concerts, and recreational activities.

b. To participate in the combat effort as security guards, supply handlers, litter bearers, or other duties as the exigencies of the service demand. Additional missions should be limited

to those for which personnel of the band have been trained and equipped and of such a nature that the band would remain organically intact.

Assignment. To field army or theater army logistical command.

Capabilities. a. Music to include—

- (1) Military.
- (2) Concert.
- (3) Dance.
 - (a) Forty-two-piece band (two dance orchestras).
 - (b) Twenty-eight-piece band (one dance orchestra).
- (4) Miscellaneous (radio, small musical combinations, stage shows).

b. Combat duties.

- (1) Assists in local security.
- (2) Provides prisoner of war escorts.
- (3) Performs such other combat duties as the exigencies of the service demand.

c. Individuals of this unit (except when composed of WAC personnel) can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. When organized as 42-piece band:

WO 1 EM 42 Agg 43.

b. When organized as 28-piece band:

WO 1 EM 28 Agg 29.

Basis of allocation. a. Forty-two piece band. One per field army and one per corps.

b. Twenty-eight piece band. One per training center, installation, or group of installations with a troop population of 5,000 or more, not otherwise authorized a band.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

12-510D DPU

Mission. To collect, audit, and maintain personnel, organizational, and equipment data from personnel sections, administrative centers, and units. To furnish timely administrative information, reports, statistics, programs, and records required by the Department of the Army and local commands.

Assignment. Data processing units are assigned to headquarters of major commands, based on personnel strength and administrative workload. They operate for the statistical and accounting division of the adjutant general's office of the headquarters of a theater, field army, port of embarkation, or comparable command.

Capabilities. a. Data processing units are equipped with electrical accounting machines of various types with capabilities as follows:

- (1) **Type X.** Capable of performing statistical and accounting services on a fixed basis for less than 35,000 troops. *Strength.* Off 1 WO 1 EM 32 Agg 34.
- (2) **Type Y.** Capable of performing statistical and accounting services on a fixed basis for 35,000 to 75,000 troops. *Strength.* Off 2 WO 1 EM 48 Agg 51.
- (3) **Type Z.** Capable of performing statistical and accounting services on a fixed basis for 75,000 to 125,000 troops. *Strength.* Off 2 WO 1 EM 64 Agg 67.

b. Equipment and personnel are provided for two-shift operation, when required.

c. A consolidating unit normally will be provided when three or more data processing units, irrespective of type, are assigned to a command.

d. An augmentation team (Off 5 EM 4) will be provided when a consolidating data processing unit is authorized for the command.

e. This organization is not self-sufficient and will be attached to other units for administration, mess, and supply.

f. Can fight as infantry when required.

Basis of allocation. a. One type X unit for less than 35,000 troops.

b. One type Y unit for 35,000 to 75,000 troops.

c. One type Z unit for 75,000 to 125,000 troops.

d. One consolidating unit provided when three or more data processing units are assigned to a command. Generally, the number of troops that the various units can service will

be influenced by the deployment and type of troops serviced.

Mobility. a. Fixed. Type Y and Z units, when mobile, require mobile augmentation (EM 2 each). All electrical and accounting equipment will be mounted in expansible-type vans. The unit will be 25 percent mobile.

b. Type Z (mobile) is 100 percent air-transportable in heavy transport aircraft.

12-512D AG Pub Org

Mission. a. Adjutant general publications center headquarters. To provide the necessary coordination and control for an adjutant general publications center composed of one or more adjutant general publications depots and one or more adjutant general printing plants.

b. Adjutant general publications depot. To determine requirements, requisition, receive, store, control stock, and issue military publications and blank forms.

c. Adjutant general printing plants. To provide military printing, binding, and reproduction service.

Assignment. To theater of operations or independent command operating outside the continental limits of the United States and responsible directly to the Department of the Army.

Capabilities. a. Each type of adjutant general publications depot can normally provide publication service to a specified number of troops, as follows: type X, under 200,000 men; type Y, 200,000 to 400,000 men; type Z, 400,000 to 600,000 men.

b. Each type of adjutant general printing plant can normally provide printing service to a specified number of troops, as follows: type X, under 200,000 men; type Y, 200,000 to 400,000 men; type Z, 400,000 to 600,000 men.

c. These organizations are not self-sufficient and therefore will require the addition of teams from TOE 29-500D for administration, mess, and supply or attachment to another organization for these services.

d. Individuals of these organizations can fight as infantrymen when required.

Strength. a. AG publications center headquarters:

Off 1 WO 1 EM 3 Agg 5.

b. AG publications depot:

(1) **Type X:** Off 2 WO 1 EM 62 Agg 65.

(2) **Type Y:** Off 3 WO 1 EM 87 Agg 91.

(3) **Type Z:** Off 3 WO 1 EM 112 Agg 116.

c. AG printing plant:

(1) **Type X:** Off 1 WO 1 EM 45 Agg 47.

(2) **Type Y:** Off 1 WO 1 EM 59 Agg 61.

(3) **Type Z:** Off 1 WO 1 EM 69 Agg 71.

Basis of allocation. a. Allocated on the basis of strength of forces to be serviced. Three types of depots and 3 types of printing plants to service up to 600,000 troops and in combination for larger forces. Depots will be allocated separately where no reproduction facilities are required.

b. A center headquarters is authorized when one type Z publications depot (or a combination of publications depots) and one or more printing plants are authorized. A center headquarters is not authorized when only one type X or type Y publications depot and one printing plant are authorized, except when these units are widely separated. Not more than one center headquarters is authorized in a theater or independent command.

Mobility. Fixed.

12-520D BPO

Mission. To provide for the receipt, separation, distribution, routing, and dispatch of mails to and from individuals in a designated area or command.

Assignment. To theater army logistical command headquarters, theater of operations headquarters, or major subordinate command headquarters.

Capabilities. a. Each type of base post office can normally serve a specified number of troops, as follows: type O, under 30,000 men; type P, 30,000 to 55,000 men; type R, 55,000 to 85,000 men; type S, 85,000 to 110,000 men; type T, 110,000 to 165,000 men; type U, 165,000 to 225,000 men.

b. Department of the Army civilian employees, when authorized in the area of assignment, may be used to fill all enlisted skilled postal positions.

c. The total number of non-US personnel which may be used in a particular Army base post office must be determined by the major commander to which the units are assigned. When authorized by Department of the Army, non-US personnel may be used to fill 50 percent of the assistant postal clerk positions.

d. These units are not self-sufficient and will be attached to other units for administration, mess, supply, and motor maintenance.

e. Arms and individual equipment are authorized for US military personnel only. When Department of the Army civilian employees and/or non-US personnel are utilized, mail guards will be furnished by the unit to which the base post offices are attached.

f. Individuals of these units can fight as infantrymen when required.

Strength.

Type O: Off 3 WO 1 EM 42 Agg 46.

Type P: Off 3 WO 2 EM 70 Agg 75.

Type R: Off 5 WO 2 EM 102 Agg 109.

Type S: Off 6 WO 2 EM 131 Agg 139.

Type T: Off 8 WO 3 EM 187 Agg 198.

Type U: Off 10 WO 3 EM 245 Agg 258.

Basis of allocation. Allocated on the basis of strength of forces to be served. Base post offices are normally located at or near a port.

Mobility. a. Fixed.

b. Types O and T are 100 percent air-transportable in medium transport aircraft.

12-605D APU, Gen Asg

Mission. To provide complete postal service (mail distribution and dispatch, and money order, stamp, insured, and registry services) and to perform Army post office directory service for organizations and headquarters which the unit serves.

Assignment. To field armies, theater army logistical command, or similar-type headquarters.

Capabilities. a. Each type of Army postal

unit can normally serve a specified number of troops, as follows: type A, under 2,000; type B, 2,000 to 3,000; type C, 3,000 to 4,500; type D, 4,500 to 6,000; type E, 6,000 to 7,500; type F, 7,500 to 10,000; type G, 10,000 to 13,000; type H, 13,000 to 15,000; type I, 15,000 to 20,000; type J, 20,000 to 25,000.

b. The total number of Department of the Army civilian employees and/or non-US personnel which may be utilized in a particular Army postal unit must be determined by the major commander to which the units are assigned, subject to the following criteria:

- (1) When authorized in the area of assignment, Department of the Army civilian employees may be utilized to fill all enlisted skilled postal positions (MOS 714-series), except as indicated in (2) below.
- (2) The military personnel retained in all units will be equivalent in number to two cadres for that particular type of unit.

c. These units are not self-sufficient and will be attached to other units for administration, mess, supply, and motor maintenance.

d. Arms and individual equipment are authorized for US military personnel only. When Department of the Army civilian employees and/or non-US personnel are utilized, mail guards will be furnished by the unit to which the postal units are attached.

e. Military individuals of these units can fight as infantrymen when required. Except when WAC and/or civilian personnel are assigned, the units have the capability of defending themselves and their installations against hostile ground attack.

Strength.

Type A: Off 1 EM 5 Agg 6.
Type B: Off 1 EM 6 Agg 7.
Type C: Off 1 EM 8 Agg 9.
Type D: Off 1 EM 10 Agg 11.
Type E: Off 1 EM 12 Agg 13.
Type F: Off 1 EM 15 Agg 16.
Type G: Off 1 WO 1 EM 18 Agg 20.
Type H: Off 1 WO 1 EM 21 Agg 23.
Type I: Off 1 WO 1 EM 27 Agg 29.
Type J: Off 1 WO 1 EM 33 Agg 35.

Basis of allocation. Allocated on the basis of strength of forces to be served.

Mobility. Sixty percent mobile.

Remarks. A money order unit, branch post office of the Army postal unit, may be established when required. No additional personnel are authorized to operate the money order unit; organically authorized personnel will be utilized.

Section VIII. FINANCE

14-500D Fin Svc Org

Mission. To provide organizations that operate as accountable disbursing offices or class B agent offices which will furnish all types of receipts and disbursement services for troops in the field.

Assignment. Finance disbursing sections may be attached or assigned to fixed-strength units or may be organized into service units, assigned to field army or theater army logistical command.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and

grouping of the teams and are indicated in detailed breakdown of teams.

b. This unit will be attached to, or is dependent on, other units for administration, mess, and supply. When a finance disbursing section is authorized to mess separately, appropriate teams will be drawn from TOE 29-500D.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. As indicated in detailed breakdown of teams.

PART II

Basis of allocation. As indicated in detailed breakdown of teams.

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used.

Part 1—Headquarters Units

Teams AA to AG

Team AA

Capabilities. Provides administrative control over the finance disbursing section composed of one or more teams.

Strength. Off 1.

Basis of allocation. One per finance disbursing section when team FA, FB, FC, FD, or FE operates independently as a class B agent office.

Team AB

Capabilities. Same as for team AA.

Strength. Off 2 EM 3 Agg 5.

Basis of allocation. One per finance disbursing section activated when number of enlisted men in other than section headquarters is under nine and the mission of the unit is other than that shown for team AA.

Team AC

Capabilities. Same as for team AA.

Strength. Off 2 WO 1 EM 4 Agg 7.

Basis of allocation. One per finance disbursing section activated when the number of enlisted men in other than section headquarters is 9 to 28, inclusive.

Team AD

Capabilities. Same as for team AA.

Strength. Off 2 WO 1 EM 5 Agg 8.

Basis of allocation. One per finance disbursing section activated when number of enlisted men in other than section headquarters is 29 to 59, inclusive.

Team AE

Capabilities. Same as for team AA.

Strength. Off 3 WO 2 EM 5 Agg 10.

Basis of allocation. One per finance disbursing section activated when number of enlisted men in other than section headquarters is 60 to 70, inclusive.

Team AF

Capabilities. Same as for team AA.

Strength. Off 4 WO 2 EM 6 Agg 12.

Basis of allocation. One per finance disbursing section activated when the number of enlisted men in other than section headquarters is 71 to 80, inclusive.

Team AG

Capabilities. Same as for team AA.

Strength. Off 5 WO 3 EM 8 Agg 16.

Basis of allocation. One per finance disbursing section activated when number of enlisted men in other than section headquarters is 81 and over.

Part 2—Pay and Allowance Units

Teams FA to FX

Capabilities. Numbers below refer to military pay records maintained during any 1 month.

Team FA	250	Str:	EM 1.
Team FB	600	Str:	EM 2.
Team FC	1,000	Str:	EM 3.
Team FD	2,000	Str:	EM 5.
Team FE	3,000	Str:	EM 7.
Team FF	4,500	Str:	EM 9.
Team FG	6,000	Str:	EM 11.
Team FH	8,000	Str:	EM 13.
Team FI	10,000	Str:	EM 15.
Team FJ	12,000	Str:	EM 17.
Team FK	14,000	Str:	EM 19.
Team FL	16,000	Str:	EM 21.
Team FM	19,000	Str:	Off 1 EM 23 Agg 24.
Team FN	21,000	Str:	Off 1 EM 26 Agg 27.
Team FO	24,000	Str:	Off 1 EM 30 Agg 31.
Team FP	27,000	Str:	Off 1 EM 34 Agg 35.
Team FQ	30,000	Str:	Off 1 EM 38 Agg 39.
Team FR	33,000	Str:	Off 1 EM 42 Agg 43.
Team FS	37,000	Str:	Off 2 EM 46 Agg 48.
Team FT	40,000	Str:	Off 2 EM 50 Agg 52.
Team FU	44,000	Str:	Off 2 EM 55 Agg 57.
Team FV	48,000	Str:	Off 2 EM 60 Agg 62.
Team FW	56,000	Str:	Off 2 EM 70 Agg 72.
Team FX	64,000	Str:	Off 2 EM 80 Agg 82.

Basis of allocation. One per finance disbursing section charged with this responsibility.

Part 3—Commercial Accounts Units

Teams GA to GJ

Capabilities. Numbers below refer to invoices paid per month, assuming that the disbursing section assembles all papers and writes the vouchers.

Team GA	150	Str:	EM 1.
Team GB	350	Str:	EM 2.
Team GC	600	Str:	EM 3.
Team GD	900	Str:	EM 5.
Team GE	1,700	Str:	EM 7.
Team GF	2,500	Str:	EM 10.
Team GG	3,800	Str:	Off 1 EM 14 Agg 15.
Team GH	5,600	Str:	Off 1 EM 19 Agg 20.
Team GI	7,500	Str:	Off 1 EM 24 Agg 25.
Team GJ	10,000	Str:	Off 1 EM 30 Agg 31.

Basis of allocation. One per finance disburs-

ing section charged with this responsibility.

Part 4—Accounting Units

Teams HA to HH

Capabilities. Numbers below refer to collection and disbursement vouchers scheduled per month.

Team HA	300	Str:	EM 1.
Team HB	700	Str:	EM 2.
Team HC	1,200	Str:	EM 3.
Team HD	2,000	Str:	EM 4.
Team HE	3,500	Str:	EM 5.
Team HF	5,500	Str:	EM 6.
Team HG	8,000	Str:	EM 8.
Team HH	12,000	Str:	Off 1 EM 10 Agg 11.

Basis of allocation. One per finance disbursing section charged with this responsibility.

Section IX. MILITARY POLICE

19-35E MP Bn, Army

Mission. To enforce military law, orders, and regulations, to include control of traffic and stragglers, circulation of individuals, protection of property, handling of prisoners of war, and operation of checkpoints.

Assignment. To field army.

Capabilities. *a.* Performs the above mission within an assigned area of a field army.

b. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 22 WO 5 EM 627 Agg 654.

Basis of allocation. Four per field army.

Mobility. Sixty-five percent mobile.

19-36E HHD, MP Bn, Army

Mission. To provide command, control, staff planning, criminal investigation, and logistical support for the military police battalion, army.

Assignment. Organic to military police battalion, army, TOE 19-35E.

Capabilities. *a.* Provides command, control, staff planning, administration, and supervision of battalion operations.

b. Provides supervision of battalion-level supply, organizational maintenance, and communications.

c. Provides criminal investigation.

d. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 10 WO 5 EM 51 Agg 66.

Basis of allocation. One per military police battalion, army, TOE 19-35E.

Mobility. Seventy-five percent mobile.

19-37E MP Co, Corps, Abn Corps, or Army

Mission. To enforce military law, orders, and regulations, to include control of traffic and stragglers, circulation of individuals, protection of property, handling of prisoners of war, and operation of checkpoints.

Assignment. *a.* Organic to military police battalion, army, TOE 19-35E.

b. May be assigned to field army, corps, or airborne corps.

Capabilities. *a.* Performs the above mission in its assigned area.

b. When augmented (EM 2), this unit can operate as a separate company.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. When organic lettered company:

Off 4 EM 192 Agg 196.

b. When separate numbered company:

Off 4 EM 194 Agg 198.

Basis of allocation. a. When operating as a component of a battalion, three per military police battalion, army, TOE 19-35E.

b. When operating as a separate company, one per standard corps (or airborne corps) or to field army as required.

Mobility. Sixty-five percent mobile.

19-47E MP ESCRG Co

Mission. To provide supervisory and security personnel for the evacuation and/or movement of enemy prisoners of war and civilian internees.

Assignment. To field army, independent corps, and theater army logistical command. Attached to military police battalion headquarters and headquarters detachment, TOE 19-500D, team AD.

Capabilities. a. Evacuates from 1,000 to 1,500 prisoners of war and/or civilian internees by marching; evacuates from 1,500 to 2,000 prisoners of war and/or civilian internees in vehicles; evacuates from 2,000 to 3,000 prisoners of war and/or civilian internees by railway trains.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 EM 137 Agg 141.

Basis of allocation. One per corps; 1 per 1,000 to 3,000 prisoners of war or civilian internees requiring evacuation; 2 per theater army logistical command per each field army supported.

Mobility. a. Seventy-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Note. Normally military police escort guard companies are used to guard prisoners of war and civilian internees in transit. Military police guard companies are used to guard prisoners of war and civilian internees in fixed installations.

19-55E MP Bn

Mission. To provide general military police service.

Assignment. To zone of interior and theater army logistical command as required.

Capabilities. a. Enforces military law and regulations and maintains discipline and order.

b. Controls vehicular traffic.

c. Provides physical security protection of installations, utilities, transportation and communication facilities, and property.

d. Provides intransit protection of critical military equipment and supplies.

e. Controls circulation of individuals.

f. Rapidly deploys to affected areas to provide military aid to civil authorities in civil disturbances as specifically ordered by the Department of the Army.

g. Provides route and road reconnaissance.

h. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 26 WO 1 EM 661 Agg 688.

Basis of allocation. a. One per theater for security of theater headquarters.

b. One per major overseas port.

c. One per section in communications zone.

d. One per each major city of 500,000 population or more in overseas theater, having military significance and not policed by other military police units.

e. To continental army for internal security purposes as required.

Mobility. Eighty percent mobile.

19-56E HHD, MP Bn

Mission. To perform command, control, staff planning, administration, and logistical support for the military police battalion.

Assignment. Organic to the military police battalion, TOE 19-55E.

Capabilities. a. Provides command, control, staff planning, administration, and supervision of battalion operations.

b. Coordinates and controls radio and wire communications of assigned companies.

c. Provides battalion motor maintenance.

d. Coordinates supply to assigned companies.

e. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 10 WO 1 EM 53 Agg 64.

Basis of allocation. One per military police battalion, TOE 19-55E.

Mobility. Sixty percent mobile.

19-57E MP Co, MP Bn, or MP Co, Sep

Mission. To provide general military police service in the zone of interior and the communications zone.

Assignment. a. Organic to military police battalion, TOE 19-55E.

b. Separate company may be assigned to theater army logistical command or zone of interior as required.

Capabilities. a. Enforces military law and regulations and maintains discipline and order.

b. Controls vehicular traffic.

c. Provides physical security protection of installations, utilities, transportation and communication facilities, and property.

d. Provides intransit protection of critical military equipment and supplies.

e. Controls circulation of individuals.

f. Rapidly deploys to affected areas to provide military aid to civil authorities in civil disturbances as specifically ordered by the Department of the Army.

g. Provides route and road reconnaissance.

h. When augmented (Off 1 EM 2), this unit can operate as a separate numbered company.

i. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. When organic lettered company:

Off 4 EM 152 Agg 156.

b. When separate numbered company:

Off 5 EM 154 Agg 159.

Basis of allocation. a. Four per military police battalion, TOE 19-55E.

b. Separate numbered company may be allocated as follows:

(1) One per each city of 50,000 to 100,000 population in the communications zone having military significance and not policed by other military police units.

(2) Two per medium port.

Mobility. Eighty-five percent mobile.

19-217D MP Co, PCS

Mission. To provide general military police service at a post, camp, station, or installation. To maintain good order and military discipline among military personnel in civil communities adjacent to the post, camp, station, or installation.

Assignment. To zone of interior and/or theater army logistical command as required.

Capabilities. a. Prevents and suppresses crime.

b. Enforces military laws and regulations and maintains good order and military discipline among military personnel within the military reservation or among military personnel in civil communities adjacent to a military reservation.

c. Controls and regulates traffic.

d. Controls circulation of individuals.

e. Performs criminal investigation.

f. Protects property.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 3 EM 124 Agg 132.

Basis of allocation. a. One per post, camp, station, or installation of approximately 9,000 military or military and civilian personnel in the zone of interior.

b. One per theater army logistical command headquarters.

c. One per general depot or depot complex within the communications zone.

Mobility. Thirty-five percent mobile.

19-237D MP PW Proc Co

Mission. To receive, search, and process prisoners of war, to include making and maintaining permanent reports and records, assigning an internment serial number to each prisoner, and furnishing all information compiled to the Prisoner of War Information Bureau.

Assignment. To theater army logistical command.

Capabilities. a. Each of the 3 platoons of this company is capable of processing approximately 60 prisoners of war per hour.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attacks.

Strength. Off 5 EM 109 Agg 114.

Basis of allocation. One per field army.

Mobility. Fifty percent mobile.

19-247C MP Gd Co

Mission. To guard prisoners of war, civilian internees, military prisoners, and others in confinement and to perform security guard for military installations and facilities. To fight as infantry when required.

Assignment. To field army, independent corps, theater army logistical command, and zone of interior.

Capabilities. Provides guards for stockade of 500 military prisoners; provides guards to maintain security on approximately 150 miles of mainline military railroads; provides the guard for 2,000 to 2,500 prisoners of war or civilian internees at prisoner of war cages; provides inclosure and work detail guards for 1,500 to 2,000 prisoners of war at prisoner-of-war camps; provides guards to maintain security in and around military facilities and installations.

Strength. Off 4 EM 120 Agg 124.

Basis of allocation. One per field army for prisoner-of-war operations; 1 per field army

for field army stockade; 1 per railway operating battalion, TOE 55-225R; 1 per theater army logistical command for each 500 military prisoners in stockade or disciplinary training center; 1 per theater army logistical command or zone of interior for each 2,000 prisoners of war and/or civilian internees; to military facilities and installations for security purposes as required.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

Note. Normally military police guard companies are used to guard prisoners of war and civilian internees in fixed installations. Military police escort guard companies are used to guard prisoners of war and civilian internees in transit.

19-252D HQ & HQ Co, MP PW Comd

Mission. To provide command, administration, and logistical assistance to headquarters and headquarters company, military police prisoner-of-war camp, TOE 19-256D.

Assignment. To the theater army logistical command.

Capabilities. a. Performs above mission for—

- (1) A maximum of 10 prisoner-of-war camps.
- (2) One attached military police battalion consisting of a maximum of four companies assigned to evacuate and process prisoners of war and/or civilian internees from field army areas to prisoner-of-war camps.

b. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 38 WO 1 EM 82 Agg 121.

Basis of allocation. One per a maximum of 10 headquarters and headquarters companies, military police prisoner-of-war camp, TOE 19-256D.

Mobility. Fixed.

19-256D HQ & HQ Co, MP PW Camp

Mission. To provide command, administra-

tion, logistical support, and security guard for prisoners of war and/or civilian internees.

Assignment. To headquarters and headquarters company, military police prisoner of war command, TOE 19-252D.

Capabilities. a. Performs above mission for 12,000 individuals and 1 military police battalion consisting of 6 companies assigned to secure the camp.

b. Provides food, clothing, dispensary medical care, preventive medicine, religious, and recreational facilities for prisoners of war and/or civilian internees.

c. Provides and maintains utilities, including heat, lights, water, cooking facilities, and sanitation.

d. Provides supervision of work projects of prisoners of war and/or civilian internees.

e. Provides command and supervision over one military police battalion consisting of from three to six military police companies assigned to secure the prisoner of war camp.

f. When augmented by vocational training section (Off 2 EM 11), provides the additional facility of vocational training. When augmented by rock crusher section (EM 1), provides facilities to crush rock for construction and repair purposes.

g. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 23 WO 1 EM 295 Agg 319.

Basis of allocation. One per 12,000 prisoners of war and/or civilian internees or major fraction thereof.

Mobility. Fixed.

19-316D HQ & HQ Co, MP Bn, Stkd or Rehab TC

Mission. a. Provides command, staff planning, administration, and logistical support for a stockade or rehabilitation training center for military prisoners.

b. Provides necessary instruction, supervision, training, and psychological treatment to

rehabilitate military prisoners and permit their return to active duty.

Assignment. To theater army logistical command as required.

Capabilities. a. Performs above mission for a maximum of 1,000 military prisoners.

b. Provides command, staff planning, administration, and logistical support for assigned military police guard companies.

c. Provides mess, motor maintenance, dispensary medical care, and other required services for battalion personnel and military prisoners.

d. Provides psychological evaluation and treatment for prisoners.

e. When augmented (Off 3 EM 7), provides additional social consultation service for the rehabilitation training center.

f. This unit is dependent on a military police battalion for prisoner guard services.

g. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 16 WO 2 EM 104 Agg 122.

Basis of allocation. One per 1,000 military prisoners.

Mobility. Fixed.

19-500D MP Svc Org

Mission. a. To provide provost marshal and military police services of widely varying character, including investigation of crime.

b. To increase the capabilities of fixed-strength units where increments of less than company size are needed.

c. To provide command and administrative personnel for military police composite units.

Assignment. Teams, or combinations thereof, are assigned as required to perform the above mission.

Capabilities. a. Capabilities for each team are shown in the following paragraphs.

b. These teams must be furnished supply, mess, and second-echelon maintenance service.

PART II

Administrative service will be furnished, if feasible, by the unit provided military police service; otherwise, by administrative teams of part 1 of this TOE. Mess teams and automotive maintenance teams may be drawn from TOE 29-500D when the supported unit cannot assume the additional burden. The numbers of such personnel and equipment to be requisitioned will be governed by appropriate regulations.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. As indicated in detailed breakdown of teams.

Mobility. The degree of mobility must be computed for each team or combination thereof.

Part 1—Administrative Teams

Teams AA to AE

Team AA, platoon headquarters, component

Capabilities. Provides command and administrative control of two or more teams which operate as a component of a larger organization.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per 2 or more teams of a total strength not less than 40 individuals which operate as a component of a larger administrative organization and to which no officer is organically assigned.

Team AB, platoon headquarters, separate

Capabilities. Provides command and administrative control of two or more teams which operate separately.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per 2 or more teams of a total strength not less than 40 individuals which operate separately and to which no officer is organically assigned.

Team AC, company headquarters

Capabilities. Provides command and administrative control of two or more service platoons or equivalent composition.

Strength. Off 2 EM 4 Agg 6.

Basis of allocation. One per 2 or more platoons or equivalent with an aggregate strength not less than 100 individuals.

Team AD, battalion headquarters and headquarters detachment

Capabilities. Provides command and administrative control for two or three companies.

Strength. Off 5 WO 2 EM 13 Agg 20.

Basis of allocation. a. One per type field army for prisoner-of-war operations.

b. One per transportation railway group to command and supervise military police companies engaged in railway security duties.

c. One per two or three separate companies as required.

Team AE, group headquarters and headquarters detachment

Capabilities. Provides command and administrative control of three or more battalions.

Strength. Off 6 WO 1 EM 16 Agg 23.

Basis of allocation. One per three military police battalions in the field army area or communications zone as required.

Part 2—Functional Teams, Radio Maintenance and Operations

Teams EA and EB

Team EA, radio maintenance

Capabilities. Provides personnel for operation and maintenance of radio equipment in military police units not authorized a radio mechanic.

Strength. EM 1.

Basis of allocation. One per separate platoon; one per separate or organic company or separate battalion.

Team EB, radio operations

Capabilities. Provides service for operation of radio equipment in headquarters of military police units.

Strength. EM 2.

Basis of allocation. One per separate platoon or one per company.

Part 3—Administrative Teams, Provost Marshal

Teams FA, FB, and FC.

Team FA, provost marshal section

Capabilities. Provides a provost marshal staff section for a post, camp, or station.

Strength. Off 2 EM 3 Agg 5.

Basis of allocation. One per post, camp, or station with a combined military and/or civilian population of less than 10,000.

Team FB, provost marshal section

Capabilities. Same as for team FA.

Strength. Off 3 EM 4 Agg 7.

Basis of allocation. One per post, camp, or station with a combined military and/or civilian population of more than 10,000 but less than 20,000.

Team FC, provost marshal section

Capabilities. Same as for team FA.

Strength. Off 4 EM 8 Agg 12.

Basis of allocation. One per post, camp, or station with a combined military and/or civilian population of more than 20,000.

Part 4—Functional Teams, Police and Traffic Control

Teams GA to GF, HA, HB, HC, and HD

Team GA, desk and record

Capabilities. Provides operation of a military police station during normal duty hours at a small post, camp, or station. Processes offenders, renders assistance, or provides information as required. Accomplishes administration of records and reports.

Strength. EM 2.

Basis of allocation. One per post, camp, or station with a combined military and/or civilian population of less than 5,000.

Team GB, desk and record

Capabilities. Provides operation of a military police station on a 24-hour basis at a large installation or city. Processes offenders, renders assistance, or provides information as required. Accomplishes administration of records and reports.

Strength. EM 9.

Basis of allocation. One per installation or city with a combined military and/or civilian population of more than 5,000 but less than 10,000.

Team GC, desk and record

Capabilities. Same as for team GB.

Strength. EM 12.

Basis of allocation. One per installation or city with a combined military and/or civilian population of 10,000 or more.

Teams GD and GE, registration

Capabilities. Provides a registration section for registration of individuals and vehicles on military reservations or in occupied enemy territory. Register individuals and issue credentials prescribing limits of circulation and privileges.

Strength: Team GD: EM 2.

Team GE: EM 3.

Basis of allocation. One per military police unit required to perform above function.

Team GF, identification

Capabilities. Provides fingerprinting and photographic services for desk and record teams or registration teams.

Strength. EM 2.

Basis of allocation. One per military police unit as required.

Team HA, traffic control

Capabilities. Provides services required to enforce traffic regulations and to control traffic at intersections and congested points.

Strength. EM 2.

Basis of allocation. One per single post on a one-shift basis.

Team HB, traffic control

Capabilities. Same as for team HA.

Strength. EM 4.

Basis of allocation. One per single post on a 24-hour basis.

Team HC, traffic control

Capabilities. Provides traffic control supervisory personnel.

Strength. EM 2.

Basis of allocation. One per nine teams HA or three teams HB.

Team HD, traffic control

Capabilities. Same as for team HC.

Strength. EM 1.

Basis of allocation. One per three or more teams HC.

Part 5—Functional Teams, Patrol Teams IA to IJ

Team IA, motor patrol

Capabilities. Provides services required to control traffic and enforce traffic regulations and to provide escorts for military motor movements. May be employed to patrol large areas and outlying districts or to check places of amusement in areas not covered by dismounted or combination patrols. May also be employed as disciplinary or roving patrols.

Strength. EM 4.

Basis of allocation. Provides vehicle and personnel for one motor patrol on a one-shift basis.

Team IB, motor patrol

Capabilities. Same as for team IA.

Strength. EM 7.

Basis of allocation. Provides vehicles and personnel for one motor patrol on a 24-hour basis.

Team IC, emergency patrol

Capabilities. Provides an emergency patrol for dispatch to scenes of disturbances and to transport unruly service personnel and prisoners to military police stations.

Strength. EM 7.

Basis of allocation. One per military police unit required to perform the above function.

Team ID, dismounted patrol

Capabilities. Provides dismounted foot patrols for enforcement of military laws, orders, and regulations and apprehension of offenders.

Strength. EM 4.

Basis of allocation. One per each patrol required on a one-shift basis.

Team IE, dismounted patrol

Capabilities. Provides dismounted foot patrol supervisory personnel.

Strength. EM 2.

Basis of allocation. One per three teams ID.

Team IF, dismounted patrol

Capabilities. Same as for team IE.

Strength. EM 2.

Basis of allocation. One per two teams IE.

Team IG, combination patrol

Capabilities. Provides military police services for a business or recreation center located in an outlying district of a larger town or city where a military police station is not maintained. The team is transported to the area by vehicle, where it operates on foot as normal dismounted patrols.

Strength. EM 4.

Basis of allocation. One per area requiring above service.

Team IH, combination patrol

Capabilities. Provides military police services for one or more business or recreation centers located in outlying districts of larger towns and cities where a military police station is not maintained. The team is transported to the area by vehicle, where it operates on foot as normal dismounted patrols.

Strength. EM 9.

Basis of allocation. One per each area requiring above service.

Team II, supervisory patrol

Capabilities. Provides periodic supervision and inspection of several dismounted, mounted, and combination patrols: observes their conduct and activities. Transmits orders or instructions and provides assistance and advice concerning special problems.

Strength. EM 2.

Basis of allocation. One per 3 to 10 dismounted, mounted, or combination patrols of an aggregate strength not less than 20 individuals or more than 35.

Team IJ, supervisory patrol

Capabilities. Same as for team II.

Strength. EM 2.

Basis of allocation. One per 11 to 20 dismounted, mounted, or combination patrols of an aggregate strength not less than 36 individuals or more than 55.

**Part 6—Functional Teams, Guard
Teams JA to JM**

Team JA, dismounted guard

Capabilities. Provides security guard services at installations in the communications zone.

Strength. EM 4.

Basis of allocation. One per each patrol required.

Team JB, dismounted guard

Capabilities. Provides security guard services within a communications zone.

Strength. EM 4.

Basis of allocation. One per four to five teams JA.

Team JC, dismounted guard

Capabilities. Same as for team JB.

Strength. EM 1.

Basis of allocation. One per two or more teams JB.

Teams JD and JE, railway guard

Capabilities. Provide guard service on trains of transportation railway operating units in theaters of operation to prevent pilferage and looting of supplies and equipment.

Strength. EM 4 (each team).

Basis of allocation. One per four to eight railway cars of military supplies.

Teams JF and JG, railway guard

Capabilities. Same as for teams JD and JE.

Strength. Off 1 EM 43 Agg 44 (each team).

Basis of allocation. One per two railroad trains.

Team JH, railway guard

Capabilities. Provides guard service at shops and yards of transportation railway operating units in theaters of operation to prevent pilferage and looting of supplies and equipment.

Strength. EM 8.

Basis of allocation. One or more per transportation railway shop battalion as required.

Team JI, railway guard

Capabilities. Same as for team JH.

Strength. EM 3.

Basis of allocation. One per one to three teams JH.

Team JJ, gate guard

Capabilities. Provides guard service at a gate of a fixed or semifixed installation within a communications zone.

Strength. EM 2.

Basis of allocation. One per gate guard per 12-hour shift.

Team JK, gate guard

Capabilities. Provides supervision of gate guards at installations within a communications zone.

Strength. EM 1.

Basis of allocation. One per two teams JJ.

Team JL, gate guard

Capabilities. Same as for team JJ.

Strength. EM 4.

Basis of allocation. One per five to six teams JJ.

Team JM, gate guard

Capabilities. Same as for team JJ.

Strength. EM 6.

Basis of allocation. One per seven or more teams JJ.

Part 7—Functional Teams, Security

Teams KA, KB, and KC

Team KA, detachment headquarters

Capabilities. Provides command, supervision, and administrative control of two or more teams KB and three or more teams KC.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One per two or more teams KB and three or more teams KC.

Team KB, machinegun squad

Capabilities. Provides services required for the protection of classified, nuclear, or special weapon-type materiel as required.

Strength. EM 3.

Basis of allocation. Two or more per restricted, exclusion, or limited area containing

PART II

classified, nuclear, or special weapon-type materiel as required.

Team KC, guard squad

Capabilities. Same as for team KB.

Strength. EM 12.

Basis of allocation. One or more per restricted, exclusion, or limited area containing classified, nuclear, or special weapon-type materiel as required.

Part 8—Functional Teams, Criminal Investigation

Teams LA to LG

Teams LA and LB, criminal investigation

Capabilities. Provide services required for the prevention and investigation of crime among military personnel and other persons subject to the Uniform Code of Military Justice.

Strength: Team LA: WO 2 EM 1 Agg 3.

Team LB: WO 2 EM 2 Agg 4.

Basis of allocation. a. One per 8,000 personnel subject to the Uniform Code of Military Justice.

b. To army groups, field armies, separate corps, theater army logistical command and major subordinate commands, separate base commands, defense commands, island commands, task forces, and military police units as required.

Team LC, criminal investigation

Capabilities. Same as for teams LA and LB.

Strength. Off 1 WO 4 EM 3 Agg 8.

Basis of allocation. a. One per 20,000 personnel subject to the Uniform Code of Military Justice.

b. Same as for subparagraph *b*, teams LA and LB.

Team LD, criminal investigation

Capabilities. Same as for teams LA and LB.

Strength. Off 1 WO 7 EM 4 Agg 12.

Basis of allocation. a. One per 30,000 personnel subject to the Uniform Code of Military Justice.

b. Same as for subparagraph *b*, teams LA and LB.

Teams LE and LF, criminal investigation

Capabilities. Same as for teams LA and LB.

Strength. Team LE: Off 2 WO 12 EM 7 Agg 21.

Team LF: Off 2 WO 13 EM 11 Agg 26.

Basis of allocation. a. To theater army logistical command as required; not to exceed 1 investigator per 2,500 personnel subject to the Uniform Code of Military Justice in a communications zone.

b. Same as for subparagraph *b*, teams LA and LB.

Team LG, crime laboratory

Capabilities. Provides services required to conduct investigations and examinations in all phases of scientific criminology.

Strength. Off 2 WO 6 EM 8 Agg 16.

Basis of allocation. a. One per theater of operations.

b. One per independent command as required.

Part 9—Functional Teams, Confinement Facilities

Teams MA to MM

Team MA, administrative overhead

Capabilities. Provides command and administrative control for a confinement facility.

Strength. Off 1 EM 5 Agg 6.

Basis of allocation. One per confinement facility with a capacity of 20 prisoners. May command a temporary confinement facility housing a maximum of 30 prisoners.

Team MB, administrative overhead

Capabilities. Same as for team MA.

Strength. Off 1 EM 8 Agg 9.

Basis of allocation. One per confinement facility with a capacity of 40 prisoners. May command a temporary confinement facility housing a maximum of 50 prisoners.

Team MC, administrative overhead

Capabilities. Same as for team MA.

Strength. Off 2 EM 14 Agg 16.

Basis of allocation. One per confinement fa-

cility with a capacity of 75 prisoners. May command a temporary confinement facility housing a maximum of 100 prisoners.

Team MD, administrative overhead

Capabilities. Same as for team MA.

Strength. Off 2 EM 17 Agg 19.

Basis of allocation. One per confinement facility with a capacity of 125 prisoners. May command a temporary confinement facility housing a maximum of 150 prisoners.

Team ME, administrative overhead

Capabilities. Same as for team MA.

Strength. Off 3 EM 22 Agg 25.

Basis of allocation. One per confinement facility with a capacity of 175 prisoners. May command a temporary confinement facility housing a maximum of 200 prisoners.

Team MF, administrative overhead

Capabilities. Same as for team MA.

Strength. Off 4 EM 25 Agg 29.

Basis of allocation. One per confinement facility with a capacity of 225 prisoners. May command a temporary confinement facility housing a maximum of 250 prisoners.

Team MG, administrative overhead

Capabilities. Same as for team MA.

Strength. Off 4 EM 28 Agg 32.

Basis of allocation. One per confinement facility with a capacity of 275 prisoners. May command a temporary confinement facility housing a maximum of 300 prisoners.

Team MH, administrative overhead

Capabilities. Same as for team MA.

Strength. Off 4 EM 34 Agg 38.

Basis of allocation. One per confinement facility with a capacity of 350 prisoners. May command a temporary confinement facility housing a maximum of 400 prisoners.

Team MI, guard commander

Capabilities. Provides noncommissioned officer supervision for all custodial guards on a 24-hour basis.

Strength. EM 1.

Basis of allocation. Four per confinement facility.

Team MJ, tower

Capabilities. Provides services required to man guard towers at a confinement facility.

Strength. EM 4.

Basis of allocation. One per guard tower post.

Team MK, cell block

Capabilities. Provides services required to guard cell blocks and patrol beats within the compound at confinement facilities.

Strength. EM 4.

Basis of allocation. One per cell-block post.

Team ML, turnkey

Capabilities. Provides turnkey services for assignment within confinement facilities.

Strength. EM 4.

Basis of allocation. One per turnkey post.

Team MM, prisoner guard

Capabilities. Provides prisoner guard services for details outside a confinement facility where other troops are not available.

Strength. EM 1.

Basis of allocation. One per six prisoners.

**Part 10—Functional Teams, Language
Teams NA, NB, NC, and ND**

Team NA, language

Capabilities. Provides US military linguists where security and accuracy are mandatory. Provides supervision of indigenous interpreters and translators.

Strength. EM 2.

Basis of allocation. One per detachment (CI) or one per company.

Team NB, language

Capabilities. Provides US military linguists and translators where security and accuracy are mandatory. Provides supervision of indigenous interpreters and translators. May be employed at a prisoner of war camp for interview of large numbers of individuals.

Strength. EM 3.

Basis of allocation. One per detachment (CI), battalion, or prisoner of war headquarters unit.

Team NC, language

Capabilities. Provides US military linguists, translators, and supervisors where security and accuracy are mandatory. Provides supervision of indigenous interpreters and translators. May be employed at a prisoner of war camp for interview of large numbers of individuals.

Strength. Off 1 EM 4 Agg 5.

Basis of allocation. One per battalion, prisoner of war camp headquarters, or provost marshal section of a small base command or installation.

Team ND, language

Capabilities. Provides US military linguists, translators, and supervisors where security and accuracy are mandatory. Provides supervision of indigenous interpreters and translators.

Strength. Off 2 EM 8 Agg 10.

Basis of allocation. One per prisoner of war camp headquarters or provost marshal section of a large installation or city.

Part 11—Functional Teams, Transportation Teams OA and OB

Team OA, transportation

Capabilities. Provides transportation service required for posting dismounted patrols or for other military police functions requiring additional vehicles.

Strength. EM 1.

Basis of allocation. One per military police unit as required.

Team OB, transportation

Capabilities. Provides transportation service required for posting dismounted patrols. May also provide transportation for other military police functions (not a normal mission of a unit) requiring additional vehicles for accomplishment.

Strength. EM 1.

Basis of allocation. One or more per military police unit as required.

Part 12—Dog Teams

Teams PA to PF

Team PA, dog platoon headquarters

Capabilities. Provides command administration and technical control of two or more teams PE.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per two or more teams PE.

Team PB, dismounted patrol dog team

Capabilities. Provides dog patrol assistance for one post for 12 hours.

Strength. EM 2.

Basis of allocation. Two per sentry post.

Team PC, mounted patrol dog team

Capabilities. Provides motorized dog patrol for any area where a patrol is required, as in a restricted area or a combination area of storage sheds and a vehicle pool.

Strength. EM 1.

Basis of allocation. One per motorized post for 6 hours.

Team PD, warehouse dog team

Capabilities. Provides lone dog patrol within a standard size warehouse for a 12-hour period.

Strength. EM 1.

Basis of allocation. Two per each inclosed area for a 12-hour period.

Team PE, supervisory team

Capabilities. Provides supervision, assistance, and inspection for various military police dog teams.

Strength. EM 2.

Basis of allocation. One per three to five teams PB, PC, or PD, or any combination thereof.

Team PF, animal care

Capabilities. Provides care and treatment for 20 or more dogs.

Strength. EM 1.

Basis of allocation. One per 20 dogs or major fraction thereof employed in teams PB, PC, and PD.

Section X. TRANSPORTATION

55-11D HQ & HQ Co, Trans MT Comd

Mission. To command, plan, supervise, coordinate, and control the activities of transportation truck groups and other assigned or attached units required in the movement of cargo or personnel by higher transport, particularly in a continuous intersectional or other line-haul operation.

Assignment. To field army or theater army logistical command.

Capabilities. a. Commands and supervises the activities of three to seven transportation truck groups plus necessary supporting units from appropriate administrative and technical services.

b. Provides complete control and direction of highway traffic for all highway users on a given road network or in a specified geographical area when—

- (1) Authorized by the appropriate commander.
- (2) Augmented by a provost marshal section to provide staff supervision of military police activities.
- (3) Augmented by military police units and service organizations.

c. On direction of the theater commander or other appropriate commander, this unit may assume informal accountability for equipment (trucks, tractors, semitrailers, or trailers) assigned to subordinate transportation truck companies for periods during which the organization is engaged in relay operations. During such operations, appropriate teams from TOE 55-500R are authorized to augment the supply section.

d. This unit is dependent on available aviation companies or teams from TOE 29-500D for one helicopter, utility, and one airplane, utility, daily. It is also dependent on one or more of its subordinate units for operational vehicles.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 30 WO 6 EM 83 Agg 119.

Basis of allocation. One per each three to seven transportation truck groups engaged in local and line-haul operations. Normally one per theater of operations as required.

Mobility. Fixed.

55-12D HHD, Trans Trk Gp

Mission. To provide command, staff planning, and control of operations of transportation truck, amphibious truck, and/or tracked-vehicle battalions.

Assignment. To a field army or theater army logistical command. May be attached to a transportation motor transport command headquarters or may operate separately under appropriate staff transportation officer.

Capabilities. a. Provides command, staff planning, and control of three to seven transportation truck, amphibious truck, and/or tracked-vehicle battalions.

b. Supervises and assists subordinate units in administrative and personnel matters.

c. Performs operational planning for the group.

d. Coordinates and supervises subordinate units' operations.

e. Supervises and assists subordinate unit supply and maintenance activities.

f. Operates the group electrical communication system, including both wire and radio, to subordinate and superior echelons.

g. Provides organizational maintenance on organic vehicles and communication equipment.

h. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 12 WO 3 EM 46 Agg 61.

Basis of allocation. Two per field army; one per five transportation truck, amphibious truck, and/or tracked-vehicle battalions in the communications zone.

Mobility. a. Sixty five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

55-16D HHD, Trans Trk Bn

Mission. To provide command and supervision of units engaged in all types of motor transport, such as direct support of tactical units, port or beach clearance, depot and terminal operations, and line hauls.

Assignment. To field army or theater army logistical command. May be attached to transportation truck group headquarters, transportation motor transport command headquarters, or may operate separately under appropriate transportation staff officer.

Capabilities. a. Commands and supervises three to seven transportation companies, light truck (TOE 55-17E); medium truck (TOE 55-18D); heavy truck (TOE 55-28D); car (TOE 55-19D); amphibious truck (TOE 55-137D); cargo carrier (tracked) (TOE 55-27C); or any appropriate combination thereof.

b. Within basic policies, establishes procedures for the operation of motor transport in accordance with the requirements of the commander served.

c. Promulgates standing operating procedures to be followed by subordinate units.

d. Receives and translates commitments from higher headquarters for bulk transportation into specific units of vehicles required.

e. Evaluates highway traffic plans for determination of best routing.

f. Plans and schedules tasks to conform with the overall movement program and with operational requirements.

g. Assigns hauling tasks to specific subordinate units on the basis of their capabilities.

h. Supervises and directs the carrying out of operational assignments by subordinate units.

i. Supervises, coordinates, and assists subordinate units in matters of administration, supply, maintenance, training, and communications.

j. This unit is dependent on one of its attached companies for mess facilities.

k. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 WO 2 EM 37 Agg 46.

Basis of allocation. One per each five transportation truck, car, amphibious truck, or tracked-vehicle companies.

Mobility. a. Seventy-five percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

55-17E Trans Lt Trk Co

Mission. To provide transportation for the movement of general cargo and personnel by motor transport.

Assignment. To a logistical command or field army. Normally attached to headquarters and headquarters detachment, transportation truck battalion, TOE 55-16D, or may operate separately under the supervision of the appropriate staff transportation officer.

Capabilities. a. With 45 trucks available, making 4 round trips per day in local hauls or 2 round trips per day (1 per 10-hour shift) in line hauls, can transport the following:

(1) When equipped with 2½-ton cargo trucks:

(a) For local hauls: 720 short tons of cargo (4 tons per truck), based on 75 percent availability of vehicles and 4 trips daily on highway, or 3,600 passengers (20 passengers per truck) on or off highway.

(b) For line hauls: 360 short tons of cargo (4 tons per truck), based on 75 percent availability of vehicles and 2 trips daily on highway, or 1,440 passengers (16 passengers per truck) on or off highway.

(c) 112.5 short tons of cargo (2½ tons per truck) in 1 lift off highway.

(2) When equipped with 5-ton cargo trucks:

(a) Local hauls: 1,080 short tons of cargo (6 tons per truck), based on 75 percent availability of vehicles and 4 trips daily on highway, or 3,600 passengers (20 passengers per truck) on or off highway.

(b) Line hauls: 540 short tons of cargo (6 tons per truck), based on 75 percent availability of vehicles and 2

trips daily on or off highway, or 1,620 passengers (18 passengers per truck) on or off highway.

- (c) 180 short tons of cargo (4 tons per truck) in 1 lift off highway.

b. When operating on a 20- to 24-hour continuous hauling basis, the unit may require additional wheeled-vehicle mechanics from TOE 29-500D.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. When equipped with truck, cargo, 2½-ton:

Off 4 WO 1 EM 163 Agg 168.

b. When equipped with truck, cargo, 5-ton:

Off 4 WO 1 EM 170 Agg 175.

Basis of allocation. a. Light truck company (2½-ton truck). One per each 720 short tons of cargo or 3,600 personnel to be moved daily in local hauls; 1 per each 360 short tons of cargo or 1,440 personnel to be moved daily in line hauls; 1 per each 112.5 short tons of cargo to be moved in 1 lift off highway.

b. Light truck company (5-ton truck). One per each 1,080 short tons of cargo or 3,600 personnel to be moved daily in local hauls; 1 per each 540 short tons or 1,620 personnel to be moved daily in line hauls; 1 per each 180 short tons of cargo to be moved in 1 lift off highway.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles, and armament, see table XXI.

55-18D Trans Mdm Trk Co

Mission. To provide transportation for the movement of general cargo, bulk petroleum products, refrigerated cargo, and missiles by motor transport.

Assignment. To theater army logistical command or field army; normally attached to headquarters and headquarters detachment, transportation truck battalion, TOE 55-16D, or may operate separately under the supervision of the appropriate staff transportation officer.

Capabilities. a. With 45 semitrailer com-

binations available, making 4 round trips per day in local hauls or 2 round trips per day (1 per 10-hour shift) in line hauls, a medium truck company can transport the following:

- (1) When equipped with 12-ton cargo semitrailers:

(a) Local hauls: 2,160 short tons of cargo (12 tons per semitrailer); or in an emergency only, 9,000 passengers (50 passengers per semitrailer).

(b) Line hauls: 1,080 short tons of cargo (12 tons per semitrailer); or in an emergency only, 4,500 passengers (50 passengers per semitrailer).

- (2) When equipped with 5,000-gallon petroleum semitrailers:

(a) Local hauls: 900,000 gallons.

(b) Line hauls: 450,000 gallons.

- (3) When equipped with 7½-ton refrigerator semitrailers carrying 6 tons per vehicle:

(a) Local hauls: 1,080 short tons.

(b) Line hauls: 540 short tons.

b. With 5 semitrailer low-bed combinations available, making 4 round trips per day in local hauls or 2 round trips per day (1 per 10-hour shift) in line hauls, this unit can transport 40 missiles in local hauls or 20 missiles in line hauls.

c. With minor modifications, i.e., military desert-design tires, this unit can provide combat and logistical support in desert areas of the world.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. When equipped with semitrailer, cargo, 12-ton:

Off 4 WO 1 EM 176 Agg 181.

(Augmentation missile transport squad (EM 11) not included above.)

b. When equipped with semitrailer, gasoline tank, 12-ton:

Off 4 WO 1 EM 182 Agg 187.

c. When equipped with semitrailer, refrigerator, lightweight:

Off 4 WO 1 EM 195 Agg 200.

Basis of allocation. a. Medium truck company (cargo). One per each 2,160 short tons of general cargo to be moved daily in local hauls; 1 per each 1,080 short tons of general cargo to be moved daily in line hauls.

b. Medium truck company (petroleum). One per each 900,000 gallons of petroleum products to be moved daily in local hauls; 1 per each 450,000 gallons of petroleum products to be moved daily in line hauls.

c. Medium truck company (refrigerator). One per each 1,080 short tons of refrigerated cargo to be moved daily in local hauls; 1 per each 540 short tons of refrigerated cargo to be moved daily in line hauls.

d. Missile transport squad (semitrailer, low-bed). One per each 40 CORPORAL missiles to be moved daily in local hauls; 1 per each 20 CORPORAL missiles to be moved daily in line hauls.

Mobility. a. When equipped with 60 semitrailers, the unit is 100 percent mobile.

b. When equipped with 120 semitrailers, the unit is 50 percent mobile. Unit tractors will move semitrailers using shuttle system.

c. One hundred percent air-transportable in medium transport aircraft.

55-19D Trans Car Co, Army, COMMZ, or Abn Corps

Mission. To transport personnel and light cargo by motor vehicles.

Assignment. a. When organized as a field army or communications zone car company, to a headquarters and headquarters detachment, transportation truck battalion, TOE 55-16D; a theater headquarters; a field army or corps headquarters; or theater army logistical command headquarters or subordinate command thereof; or may operate separately under the supervision of an appropriate staff transportation officer.

b. When organized as an airborne car company, to an airborne corps.

Capabilities. a. Each of 3 platoons, when equipped with sedans, can transport 75 personnel in 1 lift.

b. Each of 3 platoons, when equipped with 1/4-ton trucks and trailers, can transport 45 personnel and 2 1/2 tons of baggage or small-size supplies or 6 1/4 tons of small-size supplies and cargo, mail, or light commodities in 1 lift.

c. Each of 3 platoons, when equipped with 3/4-ton trucks, can transport 11 1/4 tons of cargo or 120 persons in 1 lift.

d. Each composite platoon composed of ten 1/4-ton trucks and trailers and ten 3/4-ton trucks (designated the airborne platoons in the airborne organization) is capable of transporting 82 personnel and 7 1/2 tons of baggage or small-sized supplies or 10 tons of small-size supplies and cargo, mail, or light commodities in 1 lift.

e. All capabilities are computed on a 75 percent availability of vehicles and all vehicles carrying rated capacity.

f. When organized for assignment to an airborne corps, the parachute platoon has the capability of being landed by parachute or aircraft. All personnel in this platoon are airborne qualified.

g. When augmented (EM 24), this unit provides driver personnel required to operate on a 24-hour basis.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. When organized as a field army or communications zone car company:

Off 4 WO 1 EM 105 Agg 110.

b. When organized as an airborne car company:

Off 4 WO 1 EM 104 Agg 109.

Basis of allocation. a. When organized as a field army or communications zone car company:

- (1) Four per type field army consisting of three corps.
- (2) One or more per headquarters of a theater, theater army logistical command or subordinate command thereof or equivalent as required.

b. When organized as an airborne car company, one per airborne corps.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

55-27C Trans Cgo Carr Co (Tracked)

Mission. To transport personnel and cargo in tactical or logistical operations in arctic regions where conventional vehicles cannot be employed.

Assignment. To infantry division, TOE 7D, for arctic operations and to field army or theater army logistical command as required.

Capabilities. a. With two drivers per cargo carrier, operating around the clock (two shifts):

- (1) For a maximum 1-time lift, transports 192 litter patients or 432 personnel or 72 tons of cargo or tows 96 tons of cargo.
- (2) For sustained operations, operating 75 miles daily based on 75 percent vehicle availability, transports 144 litter patients or 288 personnel or 54 tons of cargo or tows 72 tons of cargo.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 1 EM 178 Agg 184.

Basis of allocation. Four per infantry division, TOE 7D, operating in arctic or subarctic regions; may be utilized in a field army or theater army logistical command as required.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

55-28D Trans Hv Trk Co

Mission. To provide truck transportation for the movement of tanks and other heavy or bulky vehicles and to transport heavy, bulky, or oversized cargo.

Assignment. To theater army logistical command or field army. Normally attached to headquarters and headquarters detachment, trans-

portation truck battalion, TOE 55-16D; or may operate separately under the supervision of the appropriate staff transportation officer.

Capabilities. a. Operating two 10-hour shifts per day, with 18 truck-tractors and semitrailers available—

- (1) Transports in local hauls 2,880 short tons of cargo or tanks or similar-type vehicles, averaging 40 tons per truck making 4 round trips daily.
- (2) Transports in line hauls 1,440 short tons of cargo or tanks or similar-type vehicles, averaging 40 tons per truck, making 2 round trips daily.
- (3) Returns inoperative wheeled and tracked vehicles by haulaway from forward areas to maintenance shops for repairs.

b. When augmented with one driveaway platoon (Off 1 EM 49), in addition to the above—

- (1) Moves 45 operable vehicles between forward and rear areas by driveaway.
- (2) Provides transportation of general cargo to be delivered along the route of the driveaway operation.
- (3) The number of vehicles to be moved can be increased by use of tow bars or by hauling vehicles in the cargo compartment of the larger vehicles.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 WO 1 EM 147 Agg 152.

Basis of allocation. a. One per each 2,880 short tons of bulky or oversized cargo or tanks or similar-type vehicles to be moved daily in local hauls or 1,440 short tons to be moved daily in line hauls.

b. One augmentation driveaway platoon for each 45 vehicles to be driven away daily with a 10-hour turnaround time.

c. Normally one per field army.

Mobility. One hundred percent mobile.

55-46D HHD, Trans Tac Carr Bn

Mission. To provide command and adminis-

PART II

tration for transportation tactical carrier companies.

Assignment. To corps or field army.

Capabilities. a. Provides command, staff planning, coordination, and supervision of from three to six transportation tactical carrier companies, TOE 55-47D.

b. Within basic policies, establishes procedures for operation of tactical carriers in accordance with the requirements of the commander to which assigned.

c. Promulgates standing operating procedures to be followed by subordinate units.

d. Evaluates the area traffic plan and recommends the best routings to be used for the forward (or lateral) movement of carrier units to their new operational area.

e. Assigns tasks to subordinate units for the accomplishment of the tactical mission.

f. Supervises and directs the accomplishment of operational assignment by subordinate units.

g. Supervises, coordinates, and assists subordinate units in matters of administration, supply, maintenance, training, and communications.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 WO 2 EM 45 Agg 55.

Basis of allocation. One per four transportation tactical carrier companies, TOE 55-47D. Normally two per corps.

Mobility. a. Eighty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

55-47D Trans Tac Carr Co

Mission. To provide protected tactical mobility, resupply, or evacuation of casualties in direct support of combat elements of the infantry division or special task forces.

Assignment. To a corps or field army; normally attached to headquarters and headquarters detachment, transportation tactical carrier battalion, TOE 55-46D; or may operate sepa-

ately under the supervision of the appropriate staff transportation officer.

Capabilities. a. At 75 percent vehicle availability, transports 440 personnel or 60 tons of cargo in 1 lift.

b. At 90 to 100 percent vehicle availability, transports the rifle elements of three rifle companies, infantry division battle group.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 WO 1 EM 175 Agg 180.

Basis of allocation. a. One per 440 individuals or 60 tons of cargo to be moved in 1 lift.

b. One per three rifle companies, infantry division battle group.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. For data concerning vehicles, and armament, see table XXII.

55-56D HHD, Trans Transport Acft Bn

Mission. To provide command, control, staff planning, and administrative supervision for two to seven transport aircraft companies.

Assignment. To field army.

Capabilities. a. Plans and supervises the employment of attached or assigned transport aircraft companies.

b. Supervises maintenance and logistical functions of assigned or attached units.

c. Provides medical service, to include emergency medical treatment, operation of aid station, evacuation of sick and injured, and supervision of sanitation.

d. This unit is dependent on one of its attached companies for mess.

e. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 11 WO 2 EM 59 Agg 72.

Basis of allocation. One per two to seven transport aircraft companies.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

55-57D Trans Lt Hel Co

Mission. To expedite combat operations by providing direct tactical and logistical air transport support to combat units.

Assignment. To field army; normally attached to headquarters and headquarters detachment, transportation transport aircraft battalion, TOE 55-56D.

Capabilities. a. Provides day or night air transportation for troops and/or cargo within the capabilities of the aircraft.

b. Provides aeromedical evacuation.

c. Provides air movement of specialist teams and critical items, supplies, and parts.

d. Provides local air traffic control and air-field service at a base heliport.

e. Provides liaison with tactical units.

f. For maximum effort, with all helicopters operating and available, within 100-mile radius at sea level to 1,000-foot elevation, the company can transport simultaneously any one of the following type loads:

Type hel	Troops (240 lb)	Cargo (tons)	Litter (patients)
H-21	280	28.8	240
H-34	280	34.0	160

g. For sustained effort, the above capabilities are reduced by 25 percent or adjusted by an aircraft availability factor that is dependent on the duration of the operation.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 12 WO 32 EM 103 Agg 147.

Basis of allocation. Three per transportation transport aircraft battalion.

Mobility. a. One hundred percent mobile, utilizing organic vehicles and helicopters.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. For data concerning vehicles, and armament, see table XXIII.

55-58T (Tentative) Trans Mdm Hel Co

Mission. To provide air transportation to expedite tactical operations and logistical support in the combat zone.

Assignment. To field army. Normally attached to headquarters and headquarters detachment, transportation transport aircraft battalion, TOE 55-56D.

Capabilities. a. Provides the necessary communications and terminal facilities for the operation of the unit heliport.

b. Transports the following in 1 lift as maximum effort, with all helicopters available and operating, within 100-mile radius at sea level to 1,000-foot elevation:

Type hel	Troops (240 lb)	Cargo (tons)	Litter (patients)
H-37	368	48	288

c. For sustained effort, the above capabilities are reduced by or adjusted by an aircraft availability factor which is dependent on the duration of the operation.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 14 WO 24 EM 140 Agg 178.

Basis of allocation. Four per field army. Normally one per transportation transport aircraft battalion.

Mobility. a. One hundred percent mobile, utilizing organic vehicles and helicopters.

b. Unit, less organic aircraft, is 100 percent transportable in medium transport aircraft.

Remarks. For data concerning vehicles, and armament, see table XXIV.

55-67P (Proposed) Trans Spt Co, Svc and Spt Gp, US Army MSLCOMD (Mdm)

Mission. To provide ground transportation to the US Army missile command (medium) as well as field maintenance, recovery and supply service to aircraft organic to the missile command.

Assignment. Organic to service and support group, US Army missile command (medium), TOE 29-311P.

Capabilities. *a.* Transports 175 tons or 320 passengers, including 10 missiles, in 1 single lift.

b. In line hauls, based on 2 round trips per day (1 per 10-hour shift), can transport:

- (1) On roads 315 tons, including 20 missiles, daily.
- (2) Off roads 150 tons daily.

c. In local hauls, based on 4 round trips per day, can transport:

- (1) On roads 630 tons, including 40 missiles, daily.
- (2) Off roads 300 tons daily.

d. Performs transportation field maintenance (third echelon), recovery, and supply support to the aircraft organic to the missile command as follows:

(1) Supported aircraft:

<i>Fixed-wing</i>		<i>Rotary-wing</i>	
Observation, light	6	Observation	8
Surveillance, combat	8	Light transport	8
Transport	8	Utility	12
Utility	1		

(2) Direct maintenance labor on supported aircraft for two 10-hour shifts daily.

(3) Emergency supply support and requisition transmitting facilities to two aviation companies and aviation section of headquarters battery. Organic supply levels to support 3 days of field maintenance parts requirements.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 2 EM 140 Agg 147.

Basis of allocation. One per service and support group, US Army missile command (medium), TOE 29-311P.

Mobility. One hundred percent mobile.

Remarks. *a.* For data concerning vehicles and armament, see table XII.

b. Above data are included for planning purposes only and do not reflect final DA approval.

55-111D HQ & HQ Co, Trans Tml Comd C

Mission. To command (in consonance with

existing joint Service agreements) assigned and attached units engaged in the transfer of personnel and cargo from one means of transportation to another at fixed water terminals, logistical-over-the-shore (LOTS) operation sites, air, or other type terminals.

Assignment. To base logistical command or other appropriate command in a theater of operations.

Capabilities. *a.* Commands assigned and attached units and provides staff planning, supervision, coordination, and control of operations of the terminal command. With appropriate service forces, the capabilities of this unit per month include—

- (1) Beach operations: working from 9 to 16 ships, unloading and clearing 194,000 to 346,000 short tons of cargo and debarking 100,000 personnel; or loading 135,000 to 240,000 short tons of cargo and embarking 50,000 personnel.
- (2) Pier operations: working from 13 to 24 ships, unloading and clearing 280,000 to 520,000 short tons of cargo and debarking 150,000 personnel; or loading 195,000 to 360,000 short tons of cargo and embarking 75,000 personnel.
- (3) Other terminal operations: unloading or transferring from one means of transportation to another 280,000 to 520,000 short tons of cargo and debarking 150,000 personnel; or loading 195,000 to 360,000 short tons of cargo and embarking 75,000 personnel.

b. Civilian personnel section augmentation (Off 2 EM 5) will be utilized when central administrative services for the procurement of local labor are not available at theater level.

c. This headquarters is dependent on supporting administrative and technical service units or teams from the 500-series TOE, including vehicular support, to provide the required support for the operation of the terminal command.

d. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability

of defending itself and its installations against hostile ground attack.

Strength. Off 81 WO 13 EM 210 Agg 304.

Basis of allocation. *a.* Beach operations. One per 13 to 24 transportation terminal service companies, or 194,000 to 346,000 short tons of cargo to be unloaded and cleared at a water terminal monthly.

b. Pier operations. One per 19 to 36 transportation terminal service companies, or 280,000 to 520,000 short tons of cargo to be unloaded and cleared per month.

c. Other terminal operations. One per 13 to 24 transportation terminal service companies, or 280,000 to 520,000 short tons of cargo to be unloaded and cleared per month.

Mobility. *a.* Fixed.

b. One hundred percent air-transportable in heavy transport aircraft.

55-116D HHD, Trans Tml Bn

Mission. *a.* To provide terminal service facilities for loading, unloading, and transshipment of cargo and embarking or debarking of personnel.

b. To provide command staff planning for attached terminal-type units.

Assignment. To transportation terminal command, logistical command, or engineer amphibious support command as required; may operate separately under supervision of appropriate staff transportation officer.

Capabilities. *a.* Provides the following facilities for four companies consisting of either transportation terminal service companies, transportation boat companies, transportation aerial tramway companies, transportation harbor craft companies, transportation staging area companies, and/or transportation amphibious truck companies as required in the operation of a terminal:

- (1) Supervision of administration, training, and operations.
- (2) Supply support for attached units.
- (3) Supervision of organizational maintenance.
- (4) Staff planning and coordination of unit operations.

(5) Battalion communication net.

b. This unit is dependent on one of the attached companies for mess and automotive maintenance.

c. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 WO 3 EM 45 Agg 56.

Basis of allocation. *a.* One per four transportation terminal service companies when operating at an established terminal.

b. One per two transportation terminal service companies and necessary supporting units when conducting a separate terminal operation over the beach.

Mobility. *a.* Fixed.

b. One hundred percent air-transportable in heavy transport aircraft.

55-117D Trans TS Co

Mission. To load, unload, or transship from one to another means of transportation (water, rail, air, highway) at terminals and over-the-shore facilities.

Assignment. To theater of operations. May be attached to a transportation terminal command; headquarters and headquarters detachment, transportation terminal battalion, TOE 55-116D; headquarters and headquarters company, transportation boat battalion, TOE 55-126D; or may operate separately under the supervision of an appropriate staff transportation officer.

Capabilities. *a.* Operating on a 20-hour-per-day, 2-shift basis or on a 10-hour-per-day, 2-location basis at established terminals or over beaches, can provide the following capabilities:

- (1) Discharge 1 standard 5-hatch ship at the average rate of 720 short tons of general cargo daily, or
- (2) Load 1 standard 5-hatch ship at the average rate of 500 short tons of general cargo daily.
- (3) Sort cargo by technical service and load the cargo on an initial means of transportation at the pier or at the waterline in a beach operation.

- (4) Prepare transportation documents for all cargo handled by the unit.
- (5) Account for the cargo handled.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 1 EM 323 Agg 329.

Basis of allocation. One per each 720 short tons of cargo to be discharged or 500 short tons of cargo to be loaded for each 20 hours of daily operation.

Mobility. a. Fixed.

b. One hundred percent air-transportable in heavy transport aircraft.

55-121D HQ & HQ Co, Trans Tml Comd B

Mission. To command (in consonance with existing joint Service agreements) assigned and attached units engaged in the transfer of personnel and cargo from one means of transportation to another at fixed water terminals, logistical-over-the-shore operation sites, air, or other type terminals.

Assignment. To base logistical command or other appropriate command in a theater of operations.

Capabilities. a. Commands assigned and attached units and provides staff planning, supervision, coordination, and control of operations of the terminal command. The capabilities of this unit per month include—

- (1) Beach operations: working from 5 to 8 ships, unloading 108,000 to 172,000 short tons of cargo and debarking 50,000 personnel; or loading 75,000 to 120,000 short tons of cargo and embarking 25,000 personnel.
- (2) Pier operations: working from 7 to 12 ships, unloading 151,000 to 260,000 short tons of cargo and debarking 75,000 personnel; or loading 105,000 to 180,000 short tons of cargo and embarking 37,000 personnel.
- (3) Other terminal operations: unloading or transferring from one means of transportation to another 151,000 to 260,000 short tons of cargo and de-

barking 75,000 personnel; or loading 105,000 to 180,000 short tons of cargo and embarking 37,000 personnel.

b. This headquarters is dependent on supporting administrative and technical service units or teams from the 500-series TOE to provide the required support for the operation of the terminal command.

c. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 49 WO 11 EM 127 Agg 187.

Basis of allocation. a. Beach operations. One per 7 to 12 transportation terminal service companies or 108,000 to 172,000 short tons of cargo to be unloaded, segregated, cleared, and handled through a water terminal monthly.

b. Pier and other terminal operations. One per 151,000 short tons of cargo to be handled per month.

Mobility. a. Fixed.

b. One hundred percent air-transportable in heavy transport aircraft.

55-126D HQ & HQ Co, Trans Bt Bn

Mission. To command, administer, and supervise operations of assigned and attached transportation units engaged in movement of personnel and cargo in Army water terminal operations; Army waterborne tactical operations; and to augment, when required, Naval craft in joint amphibious operations.

Assignment. To theater army logistical command or other appropriate command in a theater of operations. May be attached to a transportation terminal command, a logistical command, an engineer amphibious support command, or may operate separately under appropriate staff transportation officer.

Capabilities. a. Provides the following command facilities for three to seven transportation light boat companies, transportation medium boat companies, transportation heavy boat companies, or any combination thereof, as well as transportation boat maintenance teams and harbor craft cellular teams from TOE 55-500R:

- (1) Staff planning and coordination of unit operations.
- (2) Supervision of administration, training, and operations.
- (3) Supply support for attached units.
- (4) Supervision of organizational maintenance.
- (5) Battalion communication net.

b. This unit is dependent on one of the attached companies for mess.

c. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 11 WO 2 EM 66 Agg 79.

Basis of allocation. a. One per three to seven transportation light, medium, or heavy boat companies, or any combination thereof not exceeding seven companies.

b. As required for logistical support of amphibious operations.

Mobility. Thirty percent mobile (50 percent mobile by inland or coastal waters).

55-127D Trans Lt Bt Co

Mission. To provide and operate landing craft for the movement of personnel and cargo in Army water terminal operations; Army waterborne tactical operations; and to augment, when required, Naval craft in joint amphibious operations.

Assignment. To a theater army logistical command or other appropriate command in a theater of operations. May be attached to a transportation boat battalion headquarters, a transportation terminal battalion headquarters, a transportation terminal command headquarters, an engineer amphibious support command, or may operate separately under appropriate staff transportation officer.

Capabilities. a. Transports 1,440 short tons of general cargo, based on 24 landing craft making 4 round trips daily with an average load of 15 short tons per landing craft.

b. Transports in a 1-time maximum lift 1,088 short tons of cargo having a high density, based on 32 landing craft.

c. Transports in a 1-time maximum lift 3,840

combat-equipped troops for a 1-hour trip, based on 32 landing craft.

d. The salvage section augmentation (EM 8) is designed for the purpose of providing a "retriever" capability in lieu of the "tractor-crane" capability provided in the basic TOE when such action is deemed appropriate.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 WO 1 EM 285 Agg 293.

Basis of allocation. a. One per 1,440 short tons of general cargo to be transported daily in over-the-shore operations.

b. As required by transportation boat battalions and terminal commands for support in amphibious operations.

Mobility. Fixed. (One hundred percent mobile by inland or coastal waters.)

55-128D Trans Mdm Bt Co

Mission. To provide and operate landing craft for the movement of personnel and cargo in Army water terminal operations; Army waterborne tactical operations; and to augment, when required, Naval craft in joint amphibious operations.

Assignment. To a theater army logistical command or other appropriate command in a theater of operations. May be attached to a transportation boat battalion headquarters, a transportation terminal command headquarters, an engineer amphibious support command, or may operate separately under appropriate staff transportation officer.

Capabilities. a. Transports an average of 720 short tons of general cargo, based on an average load of 30 short tons per each of 12 landing craft making 2 trips daily.

b. Transports, in a 1-time maximum lift, 960 short tons of general cargo or 3,200 combat-equipped troops for a short distance.

c. The salvage section augmentation (EM 6) is designed for the purpose of providing a "retriever" capability in lieu of the "tractor-crane" capability provided in the basic TOE when such action is deemed appropriate.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 WO 1 EM 193 Agg 200.

Basis of allocation. a. One per 720 short tons of general cargo transported daily in over-the-shore operations.

b. As required for logistical support of amphibious operations.

Mobility. Fixed. (One hundred percent mobile by inland or coastal waters.)

55-129D Trans Hv Bt Co

Mission. To provide and operate landing craft for transporting personnel and heavy cargo in offshore discharge operations and for augmenting lighterage service in a port or harbor, in inland or coastal waters, or on the open sea, including lighterage service required in joint amphibious or other waterborne tactical operations.

Assignment. To a theater army logistical command or other appropriate command in a theater of operations. May be attached to a transportation terminal command headquarters, an engineer amphibious support command, or may operate separately under appropriate staff transportation officer.

Capabilities. a. Transports an average of 16,000 troops with individual equipment, 2,160 short tons of vehicles, or 6,000 short tons of tanks, based on 10 landing craft making 4 trips daily.

b. Transports an average of 1,440 short tons of general cargo, based on 10 landing craft making 1 trip daily.

c. Transports in a 1-time maximum lift 18,000 short tons of cargo or 4,800 troops with individual equipment, based on use of 12 landing craft.

d. Maximum load per vessel: 150 short tons of cargo or 400 troops with individual equipment for a trip not exceeding 2 hours; 350 troops for trips of 2 to 3 hours; and not more than 300 troops for trips of over 3 hours.

e. Range of 1,200 nautical miles at 7 knots.

f. Using tug, tows disabled craft, retrieves beached craft, or augments the lift of the company when barges are available.

g. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 4 WO 26 EM 141 Agg 171.

Basis of allocation. a. One per 1,440 short tons of general cargo transported daily in over-the-shore operations.

b. As required for logistical support of amphibious operations.

Mobility. Fixed. (One hundred percent mobile by inland or coastal waters.)

55-131D HQ & HQ Co, Trans Tml Comd A

Mission. To command (in consonance with existing joint Service agreements) assigned and attached units engaged in the transfer of personnel and cargo from one means of transportation to another at fixed water terminals, logistical-over-the-shore operation sites, air, or other type terminals.

Assignment. To base logistical command or other appropriate command in a theater of operations.

Capabilities. a. Commands assigned and attached units and provides staff planning, supervision, coordination, and control of operations of the terminal command. The capabilities of this unit include—

- (1) Beach operations: working up to 4 ships, unloading, segregating, and clearing up to 86,000 short tons of cargo and debarking 25,000 personnel; or loading up to 60,000 short tons of cargo and embarking 12,500 personnel per month.
- (2) Pier operations: working up to 6 ships, unloading, segregating, and clearing up to 130,000 short tons of cargo and debarking 37,500 personnel; or loading up to 90,000 short tons of cargo and embarking 18,750 personnel per month.
- (3) Other terminal operations: unloading or transferring from one means of

transportation to another up to 130,000 short tons of cargo and debarking 37,500 personnel; or loading up to 90,000 short tons of cargo and embarking 18,750 personnel per month.

b. This unit is dependent on supporting administrative and technical service units or teams from the 500-series TOE to provide the required support for the operation of the terminal command.

c. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 38 WO 5 EM 88 Agg 131.

Basis of allocation. a. Beach operations. One per each six transportation terminal service companies, TOE 55-117D, or 86,000 short tons of cargo to be unloaded, segregated, cleared, and handled through a water terminal monthly.

b. Pier and other terminal operations. One per each 130,000 short tons of cargo to be handled per month.

Mobility. a. Fixed.

b. One hundred percent air-transportable in heavy transport aircraft.

55-137D Trans Amph Trk Co

Mission. To provide amphibious transportation for cargo and personnel between ship and shore, or from shore to shore, in an amphibious or logistical operation.

Assignment. To theater of operations, with attachment to a headquarters and headquarters detachment, transportation terminal battalion, TOE 55-116D; or it may operate separately under the supervision of the appropriate staff transportation officer.

Capabilities. a. Operating two 10-hour shifts, transports an average of 720 short tons of general cargo per day assuming availability of 30 vehicles, each vehicle carrying 3 tons per trip and making 8 trips per day.

b. This unit can perform a limited amount of third-echelon maintenance.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 1 EM 182 Agg 188.

Basis of allocation. One per 720 short tons of cargo to be transported daily by amphibious vehicles.

Mobility. One hundred percent mobile.

55-138P (Proposed) Trans Amph Co (LARC-5)

Mission. To provide lighterage for movement of cargo and personnel from ships lying offshore to transfer-segregation areas beyond the beachline in amphibious and logistical-over-the-shore operations.

Assignment. To headquarters and headquarters detachment, transportation terminal battalion, TOE 55-116D; or to a transportation terminal command.

Capabilities. a. Transports daily 1,080 short tons of general cargo or 7,200 combat-equipped troops, based on an availability of 22 lighters.

b. Transports in a maximum 1-time lift 1,276 short tons of general cargo or 725 combat-equipped troops.

Strength. Off 4 WO 1 EM 189 Agg 194.

Basis of allocation. One for each 1,080 short tons of cargo or 7,200 personnel to be transported daily by amphibious lighters across water gaps or from ships in the stream to inland transfer-segregation areas.

Mobility. a. Ninety percent mobile in water and 100 percent mobile on land.

b. Sixty percent mobile when its lighters are loaded with supporting supplies, equipment, or personnel.

c. Unit is air-transportable.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

55-139P (Proposed) Trans Amph Co (LARC-15)

Mission. To provide movement of personnel and large, heavy, outsized cargo from ships lying offshore to transfer-segregation areas beyond the beachline in amphibious and logistical-over-the-shore operations.

Assignment. To headquarters and headquarters detachment, transportation terminal battalion, TOE 55-116D; or to a transportation terminal command.

Capabilities. a. Transports daily 1,080 short tons of general cargo or 9,500 combat-equipped troops, based on an availability of 14 lighters.

b. Transports in a maximum 1-time lift 183.6 short tons of general cargo, based on 19 LARC's carrying 15 tons each, or 900 combat-equipped troops.

Strength. Off 5 WO 1 EM 183 Agg 189.

Basis of allocation. One for each 1,080 short tons of cargo or 9,500 personnel to be transported daily by amphibious lighters across water gaps or from ships in the stream to inland transfer-segregation areas.

Mobility. a. Ninety percent mobile in water and 100 percent mobile on land.

b. Sixty percent mobile when its lighters are loaded with supporting supplies, equipment, or personnel.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

55-147D Trans STGAR Co

Mission. To provide mess and billeting facilities to transient troop units and transient personnel at water terminal or at terminal locations on lines of communications.

Assignment. Normally to a transportation terminal command. During operations, this company may be assigned directly to a base logistical command, an advance logistical command, a theater army logistical command, or an area command.

Capabilities. a. Provides mess and billeting facilities for 7,500 troops in units daily. Mess personnel of the transient units will be required to assist this unit.

b. When operating at any of the five dispersed staging areas, each detachment is capable of providing mess and billeting facilities for an infantry battle group or equivalent (1,500 troops).

c. When operating along lines of communication

or providing mess and billeting facilities for transient personnel, necessary kitchen and labor personnel must be furnished from TOE 29-500D and 10-500R.

d. Individuals of this unit can fight as infantrymen when required.

Strength. Off 6 WO 1 EM 78 Agg 85.

Basis of allocation. One per 45,000 troops messes and/or billeted monthly. This assumes 6 increments of 7,500 troops averaging 5 days' stay.

Mobility. Seventy-five percent mobile.

55-148P (Proposed) Trans Amph Co (Hv)

Mission. To provide amphibious lighterage service primarily for items of heavy or bulky equipment.

Assignment. To a transportation terminal command or a logistical command.

Capabilities. a. Transports daily 1,800 short tons of cargo (vehicles and other heavy or bulky equipment) or 7,800 combat-equipped troops, based on 13 lighters making 5 round trips with an average load of 27.7 short tons or 120 personnel.

b. Transports in a maximum 1-time lift 1,500 short tons (100 tons per BARC) of general cargo or 3,000 (200 troops per BARC) combat-equipped troops.

Strength. Off 7 WO 1 EM 163 Agg 171.

Basis of allocation. One for each 1,800 short tons of cargo or 7,800 personnel to be transported daily by amphibious lighters across water barriers or from ships in the stream to inland transfer-segregation areas.

Mobility. One hundred percent mobile.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

55-157D Trans Fltg Craft Dep Maint Co

Mission. To provide depot maintenance for Army floating craft, including landing craft of transportation boat companies.

Assignment. To a transportation terminal command.

Capabilities. a. Provides depot maintenance on a 24-hour basis for approximately 100 self-propelled craft plus all nonpropelled craft associated therewith.

b. In order to accomplish its mission, a dry-dock and/or barge crane must be provided for use by this unit. If these items of equipment are not available locally, they must be furnished with crews from appropriate teams from TOE 55-500R.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 10 WO 7 EM 187 Agg 204.

Basis of allocation. One per each 100 US Army self-propelled craft.

Mobility. Fixed.

55-158P (Proposed) Trans Amphibian Maint Co

Mission. a. To provide field maintenance (third and fourth echelon) for amphibians in a theater of operations.

b. To receive, store (maintaining a 15-day stock level), and issue all Transportation Corps supply items required to support amphibians.

Assignment. To a theater of operations. May be attached to transportation terminal command, transportation terminal battalion, transportation boat battalion, or may operate separately under the supervision of an appropriate staff transportation officer.

Capabilities. a. This unit is capable of—

- (1) Providing 23,200 man-hours per month of third- and fourth-echelon transportation amphibian maintenance support.
- (2) Receiving, storing, and issuing all Transportation Corps items of supply required to support 1,000 amphibian equivalents (3.8 equivalents for LARC-5; 6 equivalents for LARC-15 and 10 equivalents for BARC). Maintains a 15-day stock level.
- (3) Provides technical assistance service to supported units.

b. Individuals of this unit can fight as infantrymen when required. The unit has the ca-

pability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 2 EM 164 Agg 171.

Basis of allocation. One company is authorized for general support (third and fourth echelon) supply and maintenance of approximately 7 amphibious companies, or 1,000 amphibian equivalents.

Mobility. Fixed.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

55-187D Trans Aerial Tramway Co

Mission. To operate and maintain aerial tramway systems for transportation of cargo from ship to shore, shore to ship, shore to shore, or overland in logistical support operations.

Assignment. To theater army logistical command or other appropriate command in a theater of operations. May be attached to a transportation terminal command headquarters or may operate separately under appropriate staff transportation officer.

Capabilities. a. Operating over two tracks with four cargo cars during a 20-hour day, this unit is capable of—

- (1) Transporting approximately 1,440 short tons of cargo daily over a distance of 1 linear mile in ship-to-shore operations.
- (2) Transporting approximately 1,000 short tons of cargo daily over a distance of 1 linear mile in shore-to-ship operations.
- (3) Moving approximately 120 short tons of cargo per hour over a distance of 1 linear mile in shore-to-shore or overland operations.
- (4) Handling any type of cargo within the dimensions of 9 feet wide by 10 feet high which does not exceed a gross weight of 10 short tons per cargo car.
- (5) Performing organizational maintenance on all organic equipment and field maintenance on Transportation Corps equipment peculiar to the tramway system.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 EM 112 Agg 117.

Basis of allocation. One per 1,440 short tons of cargo to be transported daily by tramway.

Mobility. Fixed.

55-201R GHQ, Trans Rwy Svc

Mission. a. To direct the operation and maintenance of railways used for military purposes in a large theater of operations and to command all troops assigned to carry out the function.

b. To act, during peace and mobilization, as an executive agent for the Chief of Transportation for liaison with the civilian railroad industry for the purpose of making available to the military competent and qualified railroad personnel, and for such other matters as the Chief of Transportation may designate.

Assignment. To a theater having two or more transportation railway commands.

Capabilities. a. Supervises and directs all railroads of any theater of operations. Appropriate railway operating units must be assigned. Other appropriate technical service units may be operationally necessary and are assigned when authorized by the theater commander.

b. Appropriate engineer, signal, medical, military police, and other service-type detachments may be operationally necessary and will be assigned when approved by theater of operations commander. The filling of communication and message center requirements for this unit will be the responsibility of the theater of operations commander.

Strength. Off 58 WO 7 EM 136 Agg 201.

Basis of allocation. One per two or more headquarters and headquarters companies, transportation railway command, TOE 55-302D.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

55-202D HQ & HQ Co, Trans Rwy Gp

Mission. To command, administer, and supervise the operation of railway operating battalions, shop battalions, and attached units.

Assignment. To theater army logistical command; normally attached to headquarters and headquarters company, transportation railway command, or may operate separately under the supervision of the appropriate staff transportation officer.

Capabilities. a. Provides the following functions for from two to six transportation railway operating battalions and one or two transportation railway shop battalions:

- (1) Command, control, and staff planning for and supervision of operations.
- (2) Supervision of and assistance in administrative and supply matters.
- (3) Planning for and supervision of security of all buildings, structures, and equipment and of all supplies in transit by rail.
- (4) Technical supervision over train movements; operation of terminals, railway shops, and engine houses; car distribution; maintenance of track, structures, and motive power.
- (5) Allocation of maintenance-of-way supplies and equipment.
- (6) Drafting services for entire group as required.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 25 WO 2 EM 74 Agg 101.

Basis of allocation. One per two to six transportation railway operating battalions and one or two transportation railway shop battalions.

Mobility. a. Fixed.

b. One hundred percent air-transportable in heavy transport aircraft.

55-217R Trans Elec Power Xmsn Co

Mission. To maintain and repair electric power transmission facilities for the transportation railway operating battalion, TOE 55-225R.

Assignment. Normally attached to a transportation railway operating battalion where electric motive power is provided by means of electrified catenary on third-rail systems, when required and authorized by the Department of the Army.

Capabilities. Adequate to maintain and repair electric power transmission facilities for 200 miles of electrified railway.

Strength. Off 4 EM 190 Agg 194.

Basis of allocation. One per railway operating battalion or 200 miles of electrified railway line.

Mobility. Fifteen percent mobile.

55-225R Trans Rwy Op Bn

Mission. To operate and maintain a railway division in a theater of operations.

Assignment. To transportation railway group.

Capabilities. a. Functions during phase I operations (complete military operation of the railway).

b. Operates 40 engines per day in road and yard service over approximately 90 to 150 miles of railroad.

c. Operates a railway classification yard for the formation of trains.

d. Inspects condition and performs organizational and field maintenance repairs on approximately 40 locomotives and 800 railroad cars. Performs running inspections of approximately 2,000 railway cars per month. Also repairs tools and mechanical equipment of all companies in the battalion.

e. Inspects and maintains approximately 90 to 150 miles of railway right-of-way (tracks) and available railway signals, electrical communications, structures, bridges, and buildings located within a railway division.

f. Inspects and repairs wire communications and signal appurtenances used for train movements.

g. Additional personnel required to augment the capabilities of this battalion are provided in TOE 55-500R.

h. Transportation electric power transmission company, TOE 55-217R, may be attached to the transportation railway operating bat-

talion when the battalion is operating a railway or section of railway which uses electric energy for propulsion.

Strength. a. When utilizing steam or diesel-electric locomotives:

Off 29 WO 2 EM 792 Agg 823.

b. When utilizing both steam and diesel-electric locomotives:

Off 30 WO 2 EM 796 Agg 828.

Basis of allocation. One per 120 miles of railroad.

Mobility. a. Twenty percent mobile.

b. One hundred percent air-transportable in heavy transport aircraft.

Components. Composed of the following units:

One headquarters and headquarters company, TOE 55-226R.

One railway engineering company, TOE 55-227R.

One railway equipment company, TOE 55-228R.

One train operating company, TOE 55-229R.

55-235R Trans Rwy Shop Bn

Mission. To maintain the steam and/or diesel-electric locomotives and rolling stock of a military railway.

Assignment. To transportation railway group.

Capabilities. a. Performs depot maintenance support for 100 steam locomotives, 200 diesel-electric locomotives (units), and 2,500 railway cars.

b. Performs depot maintenance, including all operations and functions of organic companies, on 10 steam locomotives, 25 diesel-electric locomotives (units), and 600 railway cars per month.

c. For operations in which only steam power is utilized, this battalion may be activated less the diesel-electric locomotive repair company, TOE 55-247R. When so activated, the battalion performs depot maintenance on 12 steam locomotives and 600 railway cars per month.

Strength. Off 23 WO 2 EM 635 Agg 660.

Basis of allocation. One per 100 steam locomotives, 200 diesel-electric locomotives (units),

and 2,500 railway cars requiring depot maintenance support.

Mobility. Fixed.

Components. Composed of the following units:

One headquarters and headquarters company, TOE 55-236R.

One transportation erecting and machine shop company, TOE 55-237R.

One transportation boiler and smith shop company, TOE 55-238R.

One transportation car repair company, TOE 55-239R.

One transportation diesel-electric locomotive repair company, TOE 55-247R.

55-260D Trans Dep Co

Mission. To receive, store, and issue all Transportation Corps items of supply.

Assignment. To a major subordinate command (advance logistical command or base logistical command) of a theater army logistical command; may be attached as the Transportation Corps section of a general depot; or may operate separately as required.

Capabilities. a. Receives, stores, and issues 100 tons of Transportation Corps items of supply daily, or 3,000 line items of supply per month.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 3 WO 3 EM 110 Agg 116.

Basis of allocation. One per 3,000 short tons of Transportation Corps supplies consumed per month in a theater of operations.

Mobility. Fixed.

55-261P (Proposed) Trans Dep Sup Co

Mission. To receive, store, and issue at dispersed sites all Transportation Corps items of supply for support of combat forces and local support of advance logistical command units.

Assignment. To advance logistical command.

Capabilities. a. To receive, store, and issue 150 tons daily of Transportation Corps items of supply.

b. Individuals of this unit can fight as infantrymen when required. The unit has the

capability of defending itself and its installations against hostile ground attack.

Strength. Off 5 WO 2 EM 147 Agg 154.

Basis of allocation. One per advance logistical command which is supporting a four-division force.

Mobility. Fixed.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

55-302D HQ & HQ Co, Trans Rwy Comd

Mission. To command and provide operational planning, supervision, coordination, and control of the activities of transportation railway groups.

Assignment. Normally assigned to theater army logistical command. When two or more headquarters and headquarters companies, transportation railway command, are required in the same theater because of the size or complexity of railway operations, they are assigned to general headquarters, transportation railway service, TOE 55-201R.

Capabilities. a. Commands and supervises two or more transportation railway groups.

b. Plans and directs the transportation effort in the operation and maintenance of rail terminals and lines of communications. Reviews supply requirements and supervises procurement and allocation of equipment and materiel. Supervises subordinate units' administration, mess, supply, and maintenance, to include personnel requirements and allocation of replacements. Furnishes direct administrative assistance to its separate companies or detachments which are not attached to groups.

c. Individuals of this unit; except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 36 WO 4 EM 99 Agg 139.

Basis of allocation. One per two or more transportation railway groups.

Mobility. a. Fixed.

b. One hundred percent air-transportable in heavy transport aircraft.

55-456D HHD, Trans Acft Maint and Sup Bn

Mission. To provide command, control, staff planning, and administrative supervision of assigned or attached transportation aircraft direct support companies, transportation transport aircraft support companies, or transportation aircraft general support companies, and aircraft maintenance teams.

Assignment. To field army or theater army logistical command. Normally attached to a headquarters and headquarters company of a transportation group.

Capabilities. a. Provides command, control, staff planning, and administrative supervision for three to seven transportation aircraft maintenance and supply companies.

b. Can be utilized interchangeably as the headquarters of either a direct support battalion or a transport aircraft support battalion, or any combination of transportation aircraft maintenance and supply units, to include base maintenance and depot supply companies.

c. Establishes operating procedures to be followed by subordinate units.

d. Supervises and directs the accomplishments of operational assignments of subordinate units.

e. Supervises, coordinates, and assists subordinate units in matters of administration, supply, maintenance, training, and communications.

f. Operates the battalion communication system, including both wire and radio, to subordinate and superior echelons.

g. When augmented by the support flight section (Off 1 WO 1 EM 4), a pool of aircraft is immediately available to all elements of the battalion for high-priority and emergency supply and field maintenance repair missions.

h. This unit is dependent on one of the attached companies for mess and motor maintenance facilities.

i. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 WO 4 EM 39 Agg 51.

Basis of allocation. One per three to seven transportation aircraft field maintenance sup-

port companies (direct support, transport aircraft support, general support, or any combination thereof), or the equivalent in transportation aircraft maintenance teams.

Mobility. Eighty percent mobile.

55-457D Trans Acft DS Co

Mission. To provide backup third-echelon Army aircraft maintenance, supply, and recovery support to divisional aviation units and to provide direct third-echelon maintenance and supply support to nondivisional aircraft units (except transport aircraft units) in corps and field army.

Assignment. To corps or field army. Normally attached to headquarters and headquarters detachment, transportation aircraft maintenance and supply battalion, TOE 55-456D.

Capabilities. a. Provides 14,600 man-hours per month of third-echelon support. The type and number of aircraft to be supported can be computed as follows:

Type	Maintenance man-hours required per month
Airplane, observation, light	160
Airplane, utility	240
Airplane, transport, utility	320
Airplane, surveillance, combat	320
Helicopter, observation	280
Helicopter, utility	504
Helicopter, light transport	720
Helicopter, medium transport	960

b. Third-echelon support provided includes—

- (1) Field maintenance, supply, and aircraft recovery support to nondivisional aircraft (except transport aircraft) in corps and field army.
- (2) Providing on-call mobile maintenance teams for on-site support of aircraft units (except transport aircraft units) in a corps or field army, when appropriate.
- (3) Providing backup third-echelon aircraft field maintenance, supply, and aircraft recovery support to divisional aircraft field maintenance units.
- (4) Maintaining a 15-day supply level of aircraft parts for types of aircraft supported.

c. Unit can provide direct maintenance labor on supported aircraft for two 10-hour shifts during an around-the-clock operation.

d. When augmented by one shop platoon augmentation increment (EM 10), this unit has an increased capability of 2,000 man-hours per month. One augmentation increment should be added to the unit for each additional 2,000 man-hours per month workload increase, based on factors listed in a, above.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 WO 2 EM 147 Agg 156.

Basis of allocation. a. One per each 14,600 man-hours per month required for third-echelon support of aircraft (except transport aircraft) on a ratio of 25 percent divisional backup support and 75 percent nondivisional direct support effort.

b. Normally one per corps and one per field army.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

55-458 (Proposed) Trans Army Acft Maint and Sup Co (GS)

Mission. a. To provide fourth-echelon and backup third-echelon aircraft maintenance for aircraft organic to divisional and nondivisional units of a field army.

b. To receive, store, and issue all types of Transportation Corps supply items required in support of divisional and nondivisional units.

Assignment. To a field army or independent corps. Normally attached to headquarters and detachment, transportation aircraft maintenance and supply battalion, TOE 55-456D.

Capabilities. a. This unit is capable of—

- (1) Providing 24,400 man-hours per month of fourth-echelon and backup third-echelon aircraft maintenance support (based on 56 percent fourth echelon and 44 percent third echelon).
- (2) Receiving, storing, and issuing all Transportation Corps items of supply required in support of a two-division force.

b. Individuals of this unit can fight as infantrymen when required. The unit has the ca-

pability of defending itself and its installations against hostile ground attack.

Strength. Off 8 WO 3 EM 204 Agg 215.

Basis of allocation. a. One per 24,400 man-hours per month required for fourth-echelon and backup third-echelon aircraft maintenance of divisional and nondivisional aircraft in a field army.

b. Normally two per four-division force.

c. One reduced-strength company to support a one-division force.

Mobility. a. This unit is approximately 50 percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

55-459P (Proposed) Trans Acft Base Maint Co

Mission. a. To repair and return to service those unserviceable reparable aircraft components not requiring depot overhaul.

b. To assemble aircraft arriving in a theater of operations.

c. To disassemble and reassemble aircraft evacuated from the combat zone that are to be further evacuated to CONUS or to be returned to serviceable condition.

Assignment. To a base logistical command. Normally attached to headquarters and headquarters detachment, transportation aircraft maintenance and supply battalion, TOE 55-456D.

Capabilities. a. This unit is capable of providing 12,400 man-hours per month for repair of aircraft components which do not require depot overhaul; manufacturing those aircraft components requiring safety flight modification; limited manufacturing of components in equipment deadlined for parts (EDP) status; manufacturing repair parts and special tools source coded "local manufacture"; and inspecting and serviceability testing, using flaw detection equipment, of aircraft components, assemblies, or subassemblies, to include those removed from crashed or damaged aircraft; and providing 1,100 man-hours per month for assembly and disassembly of aircraft (fixed-wing

and rotary-wing) arriving in the theater or evacuated from the combat zone. Repairs for shipment and shipping those components and aircraft repaired by the unit. Aviators for fly-away craft must be furnished from another source.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 WO 2 EM 202 Agg 212.

Basis of allocation. a. One per 12,400 man-hours per month required for repair and modification of aircraft components and 1,100 man-hours required for assembly and disassembly of aircraft.

b. Normally two per four-division force.

c. One reduced-strength company in support of one division.

Mobility. Fixed.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval.

55-468D Trans Transport Acft DS Co

Mission. To provide third-echelon field maintenance, supply, and recovery support for light transport airplanes and medium transport helicopters assigned to a transport aircraft battalion.

Assignment. To a field army. Normally attached to headquarters and headquarters detachment, transportation aircraft maintenance and supply battalion, TOE 55-456D.

Capabilities. a. Provides in excess of 13,104 direct labor man-hours per month of third-echelon aircraft maintenance and recovery support for approximately 16 medium transport helicopters and 16 light transport airplanes, based on the following factors:

Type	Man-hours direct maintenance required per month
Light transport airplane -----	205
Medium transport helicopter -----	614

b. The medium helicopter direct support platoon can provide 7,360 direct labor man-hours per month on-site direct support maintenance for approximately 16 medium transport helicopters.

c. The airplane direct support platoon can provide 2,464 direct labor man-hours per month on-site direct support maintenance for approximately 16 light transport airplanes.

d. The service and recovery platoon can provide in excess of 3,280 direct labor man-hours backup support to the direct support platoons, to include ground evacuation of aircraft or emergency on-site repairs at location of downed aircraft, allowing for hours lost to nonproductive time.

e. Maintains a stockage of shop supply requirements plus organizational maintenance supply requirements of supported units.

f. The direct support platoons are dependent on the supported units for messing service when performing on-site support.

g. When augmented by one service and recovery section (EM 9) and one direct support section (EM 13), the capabilities of the unit are increased by 4,400 direct labor man-hours per month. One each of these augmentation increments should be added for each additional 4,400 direct labor man-hours per month workload (approximately 8 airplanes and 3 helicopters) increase, based on the factors shown in a, above.

h. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 6 WO 3 EM 174 Agg 183.

Basis of allocation. One per each medium transport helicopter company containing 16 helicopters and light transport airplane company containing 16 airplanes.

Mobility. One hundred percent mobile.

55-469D Trans Lt Transport Hel DS Maint and Sup Co

Mission. To provide third-echelon field maintenance, supply, and recovery support for light transport helicopters assigned to a transport aircraft battalion.

Assignment. To a field army. Normally attached to headquarters and headquarters detachment, transportation aircraft maintenance and supply battalion, TOE 55-456D. May operate separately under transportation staff of-

ficer of a command, providing third-echelon maintenance support to three light transport helicopter companies or equivalent.

Capabilities. a. Provides in excess of 27,660 direct labor man-hours per month of direct support third-echelon aircraft maintenance and recovery support for 60 light transport helicopters, based on 461 direct support man-hours per month required per helicopter.

(1) Provides 7,000 direct labor man-hours per month per each direct support platoon for 20 light transport helicopters (one company) on-site at location of supported unit.

(2) Provides in excess of 6,660 man-hours direct labor backup support to the direct support platoons, to include ground evacuation of aircraft and on-site repairs at location of downed aircraft, allowing for hours lost to non-productive time on the road.

b. Maintains a 10-day stockage of shop supply requirements plus backup supply for organizational maintenance requirements of three light transport helicopter companies.

c. The direct support platoons are dependent on the supported units for messing service when performing on-site support.

d. When augmented by one service and recovery section (EM 12) and one direct support section (EM 23), the capabilities of the unit are increased by 7,000 man-hours per month. One each of these augmentation increments should be added for each additional 7,000 man-hour per month workload increase, based on 461 man-hours of direct support third-echelon maintenance required per helicopter per month.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 7 WO 4 EM 260 Agg 271.

Basis of allocation. One per 3 light transport helicopter companies equipped with 20 light transport helicopters each. Normally two per transportation aircraft maintenance and supply battalion when supporting two transport aircraft battalions.

Mobility. One hundred percent mobile.

55-500R Trans Svc Org

Mission. To provide personnel and equipment for the following purposes:

a. To supplement Transportation Corps TOE units where additional trained personnel are required in numbers less than TOE organization strength.

b. To perform Transportation Corps functions as part of a larger organization where the need for such activity is less than a similar TOE unit.

c. To form an organization where no TOE unit is provided or where a number of small cells of diversely trained personnel are required for the proper functioning of an organization.

Assignment. Teams may be attached or assigned as required to higher echelon units or may be organized into service units to perform the functions required by existing conditions.

Capabilities. a. As prescribed for individual teams.

b. Mess teams, automotive maintenance teams, and certain aircraft maintenance teams will be drawn from TOE 29-500D. Basis for computation of teams required will be the number of personnel to be messed and the number of vehicular or aircraft equivalents to be maintained.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. As indicated in detailed breakdown of teams.

Part I—Administrative and Headquarters Teams

Teams AA to AE

Team AA, platoon headquarters, component

Mission. To command two or more teams as component of a larger unit.

Assignment. To a transportation company or comparable unit.

Capabilities. Provides command for a platoon which will normally be composed of more than 1 team with an aggregate strength of not less than 40 individuals and which will operate as a component of a larger organization.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per 2 or more teams with a strength of 40 or more individuals and to which no officer is organically assigned.

Team AB, platoon headquarters, separate

Mission. To command two or more teams in a separate operation.

Assignment. Normally attached to a larger transportation organization, but operates separately.

Capabilities. Provides command and administrative control for a platoon which will normally be composed of more than 1 team with an aggregate strength of not less than 40 individuals and which will operate separately.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per 2 or more teams with a strength of 40 or more individuals required to operate separately and to which no officer is organically assigned.

Team AC, company headquarters

Mission. To command two or more platoons.

Assignment. To a transportation battalion or group or may operate separately.

Capabilities. Provides command for a company which will normally be composed of 2 or more platoons with an aggregate strength of not less than 100 individuals.

Strength. Off 2 EM 6 Agg 8.

Basis of allocation. One per 2 or more platoons with a strength of 100 or more individuals.

Team AD, battalion headquarters

Mission. To command assigned or attached transportation companies.

Assignment. To a transportation group or may operate separately.

Capabilities. Provides command and administration for up to seven transportation companies, or equivalent units.

Strength. Off 5 WO 1 EM 12 Agg 18.

Basis of allocation. One per three to seven transportation companies or equivalent units requiring a battalion headquarters.

Team AE, group headquarters

Mission. To command assigned battalions or movement control organizations.

Assignment. To a field army or theater army logistical command.

Capabilities. Provides staff planning, supervision, coordination, and control of three to seven transportation battalions, or the equivalent in companies and battalions.

Strength. Off 5 WO 1 EM 16 Agg 22.

Basis of allocation. One per three to seven transportation battalions when required and when no specific Transportation Corps group is designated.

Part 2—Supply Teams

Teams BA to BF

Team BA, supply detachment

Mission. To receive, store, and issue Transportation Corps supplies.

Assignment. Normally assigned as an integral part of a transportation harbor craft company organized under TOE 55-500R.

Capabilities. Receives, stores, and issues Transportation Corps supplies to serve the requirements of 10 to 20 vessels.

Strength. EM 2.

Basis of allocation. One per each transportation harbor craft company or comparable unit of 10 to 20 vessels organized under TOE 55-500R.

Team BB, LCL freight

Mission. To supervise personnel handling and documenting inbound and outbound less-than-carload-lot (LCL) freight.

Assignment. To a terminal, logistical, or area command.

Capabilities. Processes 50 LCL freight shipments daily in a terminal, navigation head, railhead, or truck head, where in-and-out monthly tonnage does not exceed 2,500 short tons; augments a transportation depot company, TOE 55-260D.

Strength. WO 1 EM 4 Agg 5.

Basis of allocation. One per each 50 LCL

PART II

freight shipments to be processed daily as required.

Team BC, supply detachment

Mission. To receive, store, and issue Transportation Corps supplies.

Assignment. Normally assigned as an integral part of transportation harbor craft companies organized under TOE 55-500R.

Capabilities. Receives, stores, and issues Transportation Corps supplies to serve the requirements of 20 to 30 vessels.

Strength. EM 3.

Basis of allocation. One per each harbor craft company or comparable unit of 20 to 30 vessels organized under TOE 55-500R.

Team BD, LCL freight

Mission. To supervise personnel handling and documenting inbound and outbound LCL freight.

Assignment. To a terminal, logistical, or area command.

Capabilities. Processes 125 LCL freight shipments daily in a terminal, navigation head, railhead, or truck head, where in-and-out monthly tonnage does not exceed 5,000 short tons; augments a transportation depot company, TOE 55-260D.

Strength. WO 1 EM 8 Agg 9.

Basis of allocation. One per each 125 LCL freight shipments to be processed daily as required.

Team BE, warehouse

Mission. To provide for the receipt, storage, and issue of Transportation Corps items of supply and equipment.

Assignment. To a terminal, logistical, or area command.

Capabilities. Processes the equivalent of 10 railway carloads daily in a terminal, navigation head, railhead, or truck head, where in-and-out monthly tonnage does not exceed 2,500 short tons; augments a transportation depot company, TOE 55-260D. Labor will be furnished by quartermaster service units as authorized by the commander concerned.

Strength. Off 1 EM 23 Agg 24.

Basis of allocation. One per each 2,500 short tons to be processed monthly; or each 10 railway carloads to be processed daily, as required.

Team BF, warehouse

Mission. Same as for team BE.

Assignment. Same as for team BE.

Capabilities. Processes the equivalent of 20 railway carloads daily in a terminal, navigation head, railhead, or truck head, where in-and-out monthly tonnage does not exceed 5,000 short tons; augments a transportation depot company, TOE 55-260D. Labor will be furnished by quartermaster service units as authorized by the commander concerned.

Strength. Off 1 EM 41 Agg 42.

Basis of allocation. One per 5,000 short tons to be processed monthly; or each 20 railway carloads to be processed daily as required.

Part 3—Military Railway Service Teams

Teams EA to EQ

Team EA, ambulance train maintenance crew

Mission. To perform running repairs on ambulance train railway cars.

Assignment. To headquarters and headquarters company, transportation railway command, TOE 55-302D; or to the senior transportation railway unit in a theater of operations.

Capabilities. Performs running repairs on one ambulance train.

Strength. EM 3.

Basis of allocation. One per ambulance train.

Team EB, railway station detachment

Mission. To operate an on-line railway station.

Assignment. To transportation railway operating battalion, TOE 55-225R, or comparable unit.

Capabilities. Provides a railway station detachment to operate a small- or medium-size on-line railway station or railway station facilities in a depot or other installation served by

the transportation railway service; augments a transportation railway operating battalion, TOE 55-225R.

Strength. EM 3.

Basis of allocation. One per each on-line railway station or each depot railway station facility when the number of such stations to be operated exceeds the capabilities of a transportation railway operating battalion.

Team EC, railway terminal detachment

Mission. To operate a railway terminal.

Assignment. Same as for team EB.

Capabilities. Operates a railway terminal with a capacity of 10 trains per day.

Strength. Off 1 EM 11 Agg 12.

Basis of allocation. One per railway terminal when the number of such terminals to be operated exceeds the capabilities of a transportation railway operating battalion.

Team ED, diesel-electric locomotive maintenance crew

Mission. To perform field maintenance of diesel-electric locomotives.

Assignment. Same as for team EB.

Capabilities. Performs field maintenance for 7 diesel-electric locomotives and 25 railway cars at an outlying location; augments a transportation railway operating battalion, TOE 55-225R.

Strength. EM 17.

Basis of allocation. One per seven diesel-electric locomotives requiring field maintenance when field maintenance requirements for diesel-electric locomotives exceed the capabilities of a transportation railway operating battalion.

Team EE, railway section crew

Mission. To perform railway maintenance of way.

Assignment. Same as for team EB.

Capabilities. Maintains approximately 15 track-miles (tracks, roadbeds, switches, and miscellaneous railway facilities); augments a transportation railway operating battalion.

Strength. EM 14.

Basis of allocation. One per 15 track-miles when maintenance-of-way requirements exceed the capabilities of a transportation railway operating battalion.

Team EF, steam locomotive maintenance crew

Mission. To perform field maintenance of steam locomotives.

Assignment. Same as for team EB.

Capabilities. Performs field maintenance for seven steam locomotives at an outlying location; augments a transportation railway operating battalion.

Strength. EM 16.

Basis of allocation. One per seven steam locomotives when field maintenance requirements for steam locomotives exceed the capabilities of a transportation railway operating battalion.

Team EG, railway car repair crew

Mission. To inspect and perform maintenance on railway cars at points distant from stationary facilities.

Assignment. Same as for team EB.

Capabilities. Inspects and performs field maintenance of 300 to 350 railway cars; augments a transportation railway operating battalion.

Strength. EM 17.

Basis of allocation. One per 300 to 350 railway cars for which inspection and field maintenance are required beyond the capabilities of a transportation railway operating battalion.

Team EH, ambulance train maintenance section

Mission. To perform field maintenance repairs on ambulance trains.

Assignment. To headquarters and headquarters company, transportation railway command, TOE 55-302D; or to the senior transportation railway unit in a theater of operations.

Capabilities. Maintains four ambulance trains where shop personnel or other railway maintenance is not available to perform such service.

Strength. Off 1 EM 18 Agg 19.

Basis of allocation. One per four ambulance trains.

Team EI, railway signal and communication maintenance crew

Mission. To maintain railway signal and communication facilities.

Assignment. Same as for team EB.

Capabilities. Maintains railway signal and communication equipment along approximately 90 to 150 track-miles; augments a transportation railway operating battalion, TOE 55-225R.

Strength. Off 1 EM 20 Agg 21.

Basis of allocation. One per 90 to 150 track-miles when requirements for maintenance exceed the capabilities of a transportation railway operating battalion.

Team EJ, diesel-electric locomotive maintenance crew

Mission. To perform field maintenance of diesel-electric locomotives.

Assignment. Same as for team EB.

Capabilities. Provides field maintenance for 15 diesel-electric locomotives and 50 railway cars at an outlying location; augments a transportation railway operating battalion, TOE 55-225R.

Strength. EM 30.

Basis of allocation. One per 15 diesel-electric locomotives when field maintenance requirements for diesel-electric locomotives exceed the capabilities of a transportation railway operating battalion.

Team EK, railway yard operating detachment

Mission. To operate a railway yard.

Assignment. Same as for team EB.

Capabilities. Operates a railway yard on a 24-hour basis when yard train crews are provided, when not more than two receiving and classification yards, including dumps, etc., are to be operated; augments a transportation railway operating battalion, TOE 55-225R.

Strength. Off 1 EM 25 Agg 26.

Basis of allocation. One per railway yard of 500 cars per day when the number of such yards to be operated exceeds the capabilities of a transportation railway operating battalion.

Team EL, bridge and building maintenance crew

Mission. To maintain railway bridges and buildings.

Assignment. Same as for team EB.

Capabilities. Maintains bridges and buildings along 45 to 75 track-miles; augments a transportation railway operating battalion, TOE 55-225R.

Strength. EM 26.

Basis of allocation. One per 45 to 75 track-miles when requirements for bridge and building maintenance exceed the capabilities of a transportation railway operating battalion.

Team EM, steam locomotive maintenance crew

Mission. To perform field maintenance on steam locomotives.

Assignment. Same as for team EB.

Capabilities. Provides field maintenance for 15 steam locomotives at an outlying location; augments a transportation railway operating battalion, TOE 55-225R.

Strength. EM 29.

Basis of allocation. One per 15 steam locomotives when field maintenance requirements for steam locomotives exceed the capabilities of a transportation railway operating battalion.

Team EN, railway car repair crew

Mission. To inspect and perform field maintenance on railway cars.

Assignment. Same as for team EB.

Capabilities. Inspects and performs field maintenance of 500 to 650 cars at an outlying location; augments a transportation railway operating battalion, TOE 55-225R.

Strength. EM 28.

Basis of allocation. One per 500 to 650 railway cars for which field maintenance is re-

quired beyond the capabilities of a transportation railway operating battalion.

Team EO, railway train operating section

Mission. To operate trains.

Assignment. Same as for team EB.

Capabilities. Operates three trains on a 24-hour basis in either road or switching service; augments a transportation railway operating battalion, TOE 55-225R.

Strength. Off 1 EM 31 Agg 32.

Basis of allocation. One per three trains when the number of trains to be operated exceeds the capabilities of a transportation railway operating battalion.

Team EP, railway workshop, mobile

Mission. To perform field maintenance of steam and diesel-electric locomotive and rolling stock in forward areas where stationary facilities are inadequate.

Assignment. To headquarters and headquarters company, transportation railway group, TOE 55-202D; or attached to a transportation railway operating battalion, TOE 55-225R.

Capabilities. a. Performs the following functions on a 24-hour daily basis:

- (1) Inspects and performs field maintenance on 15 diesel-electric locomotives, 5 steam locomotives, and 100 railway cars.

- (2) Assembles railway equipment.

b. This unit is mobile when its equipment is mounted on railway cars or trucks.

Strength. Off 2 EM 51 Agg 53.

Basis of allocation. One per headquarters and headquarters company, transportation railway group, TOE 55-202D.

Team EQ, railway maintenance-of-way crew

Mission. To perform maintenance-of-way functions.

Assignment. Same as for team EB.

Capabilities. Maintains approximately 40 track-miles (track, bridges, buildings, and signals) in a large terminal area; augments a transportation railway operating battalion, TOE 55-225R.

Strength. Off 1 EM 60 Agg 61.

Basis of allocation. One per terminal area where 40 track-miles are to be maintained and when maintenance-of-way requirements exceed the capabilities of a transportation railway operating battalion.

Part 4—Floating Craft Crews

Teams FA to FS

Team FA, propulsion unit crew

Mission. To propel barges or other floating craft.

Assignment. To a harbor craft unit.

Capabilities. Propels floating craft within a harbor.

Strength. EM 1.

Basis of allocation. One per nonpropelled barge when tug is not used.

Team FB, utility boat crew

Mission. To transport limited amounts of cargo and personnel.

Assignment. Same as for team FA.

Capabilities. Transports six men or 1/2 ton of equipment at 6 knots.

Strength. EM 2.

Basis of allocation. One or more per terminal or harbor craft company.

Team FC, deck cargo barge crew, nonpropelled

Mission. To transport deck cargo.

Assignment. Same as for team FA.

Capabilities. Transports 105 tons of deck cargo at 4 knots.

Strength. EM 2.

Basis of allocation. One per maximum of 75 tons daily.

Team FD, liquid barge crew, nonpropelled (4,160 barrels)

Mission. To transport liquid cargo.

Assignment. Same as for team FA.

Capabilities. Transports 4,160 barrels of liquid cargo at 4 knots.

Strength. EM 4.

Basis of allocation. One or more per terminal or harbor craft company.

Team FE, gasoline barge crew, nonpropelled (13,000 barrels)

Mission. To transport gasoline.

Assignment. To a harbor craft or inland waterway unit.

Capabilities. Transports 13,000 barrels of gasoline at 4 knots.

Strength. EM 5.

Basis of allocation. One or more per operational area as required.

Team FF, patrol boat crew

Mission. To make patrols.

Assignment. Same as for team FE.

Capabilities. Patrols at 15 knots.

Strength. EM 3.

Basis of allocation. One or more per terminal or harbor craft company.

Team FG, 45-foot tug crew

Mission. To make light tows within a harbor.

Assignment. Same as for team FE.

Capabilities. Assists in the docking and undocking of oceangoing vessels and makes light tows within a harbor.

Strength. EM 5.

Basis of allocation. Two or more per docking and undocking of two to four small vessels per day.

Team FH, refrigerator barge crew, nonpropelled

Mission. To transport refrigerated cargo.

Assignment. Same as for team FE.

Capabilities. Design 7010—barge, refrigerator, cargo, nonpropelled, steel, 14,200-cubic foot, 120-foot. Transports 355 tons of refrigerated cargo at 4 knots.

Strength. EM 6.

Basis of allocation. One or more per terminal as required.

Team FI, 65-foot passenger and cargo boat crew

Mission. To transport cargo and personnel.

Assignment. Same as for team FE.

Capabilities. Design 2001—boat, passenger and cargo, diesel, steel, 65-foot. Transports 24 tons of cargo or 24 passengers at 7 knots.

Strength. EM 5.

Basis of allocation. One per 24 tons of cargo or 240 passenger-miles per day.

Team FJ, 65-foot tug crew

Mission. To make harbor tows.

Assignment. Same as for team FE.

Capabilities. Design 3004—tug, harbor, diesel, 600 HP, steel, 65-foot. Assists in the docking and undocking of oceangoing ships; tows floating craft within a harbor.

Strength. WO 2 EM 5 Agg 7.

Basis of allocation. Two or more per docking and undocking of six to eight vessels per day; one per eight medium tows per day.

Team FK, floating crane crew, 60-ton diesel-electric

Mission. To make heavy lifts.

Assignment. Same as for team FA.

Capabilities. Design 413-D—crane, floating, revolving, diesel-electric, steel, 60-ton. Lifts 60 tons.

Strength. WO 1 EM 9 Agg 10.

Basis of allocation. One per any two vessels.

Team FL, floating crane crew, 100-ton diesel-electric

Mission. To make heavy lifts.

Assignment. Same as for team FA.

Capabilities. Design 264-B—crane, floating, revolving, diesel-electric, steel, 100-ton. Lifts 100 tons.

Strength. WO 2 EM 12 Agg 14.

Basis of allocation. One per location or terminal.

Team FM, dry or liquid cargo barge crew, self-propelled (340–1,000 tons)

Mission. To transport liquid or dry cargo.

Assignment. Same as for team FA.

Capabilities. a. Design 7013—barge, dry cargo, self-propelled, diesel, steel, 190-foot, 1,000-ton. Transports 1,000 tons of dry cargo at 10 knots.

b. Design 7014—barge, liquid cargo, self-propelled, diesel, steel, 190-foot. Transports 1,000 tons of liquid cargo at 10 knots.

c. Design 381—vessel, supply, diesel, steel, 176-foot. Transports 340 tons of cargo at 10 knots.

d. Design 294-A—barge, liquid cargo, self-propelled, diesel, steel, 6,500-barrel, 182-foot. Transports 6,500 barrels of liquid cargo at 8 knots.

Strength. WO 6 EM 18 Agg 24.

Basis of allocation. One per area or terminal.

Team FN, 100-foot tug crew

Mission. To make harbor tows.

Assignment. Same as for team FE.

Capabilities. Design 3006—tug, harbor, diesel, 1,200 HP, steel, 100-foot. Docks and undocks oceangoing ships and performs heavy towing within a harbor.

Strength. WO 4 EM 12 Agg 16.

Basis of allocation. One per area or terminal.

Team FO, refrigerator barge crew, self-propelled (1,000 tons)

Mission. To transport refrigerated cargo.

Assignment. Same as for team FE.

Capabilities. Design 7015—barge, refrigerator, cargo, self-propelled, diesel, steel, 190-foot, 1,000-ton. Transports 1,000 tons of refrigerated cargo at 10 knots.

Strength. Off 1 WO 5 EM 22 Agg 28.

Basis of allocation. One per area or terminal.

Team FP, 126-foot oceangoing tug crew

Mission. To make ocean tows.

Assignment. Same as for team FA.

Capabilities. Makes ocean tows.

Strength. WO 6 EM 12 Agg 18.

Basis of allocation. One per coastwise tow.

Team FQ, 86-foot tug crew

Mission. To make harbor tows.

Assignment. Same as for team FA.

Capabilities. Docks and undocks oceangoing shipping; makes harbor tows.

Strength. WO 4 EM 8 Agg 12.

Basis of allocation. Two or more per six to eight vessels to be docked or undocked per day; one per five medium tows per day.

Team FR, 74-foot tug crew

Mission. To make harbor tows.

Assignment. Same as for team FA.

Capabilities. Same as for team FQ.

Strength. WO 2 EM 7 Agg 9.

Basis of allocation. Two or more per six to eight vessels to be docked or undocked per day.

Team FS, BARC operations and maintenance

Mission. To provide amphibious lighterage service primarily for items of heavy or bulky equipment.

Assignment. To theater army logistical command. Normally attached to a transportation terminal command. When required, may be attached to a transportation terminal battalion or to a transportation amphibious truck battalion.

Capabilities. a. Transports daily 480 short tons of heavy or bulky equipment, based on three BARC being available and each BARC making eight trips carrying 20 tons per trip.

b. Each BARC has a rated normal capacity of 60 short tons or 125 combat-equipped personnel.

c. Performs field maintenance on BARC's.

d. The team is self-sufficient for operations and maintenance, but must be attached to another organization for all administrative and logistical support.

Strength. Off 2 WO 2 EM 47 Agg 51.

Basis of allocation. One per 480 short tons of heavy or bulky equipment to be unloaded over a beach daily.

Part 5—Highway Transport Teams

Teams GA to GG

Team GA, car squad

Mission. To transport passengers, messen-

gers, and a limited amount of cargo by sedan or light truck.

Assignment. To headquarters and headquarters detachment, transportation truck battalion, TOE 55-16D; or may operate separately under the supervision of the appropriate staff transportation officer.

Capabilities. Transports 40 passengers or 8 short tons per lift in local haul; 3,000 passenger-miles or 48 cargo ton-miles per day in line haul.

Strength. EM 12.

Basis of allocation. One per 3,000 passenger-miles or 48 cargo ton-miles per day requirement.

Team GB, bus squad

Mission. To transport personnel or litter patients by bus.

Assignment. Same as for team GA.

Capabilities. Transports 185 passengers or 90 litter patients per lift in local haul; 14,000 passenger-miles per day or 7,000 litter-patient miles per day in line haul.

Strength. EM 12.

Basis of allocation. One per 14,000 passenger-miles or 7,000 litter-patient miles per day requirement.

Team GC, heavy truck squad

Mission. To transport general, outsized, and heavy lift cargo by heavy trucks and trailers.

Assignment. Same as for team GA.

Capabilities. Transports 300 short tons per lift in local haul; 22,500 forward ton-miles per day in line haul.

Strength. EM 12.

Basis of allocation. One per 11,000 forward ton-miles or 20,250 passenger-miles per day requirement.

Team GD, light truck squad

Mission. To transport personnel and cargo over poor roads or off roads by light truck when the use of heavier, more economical types of transport vehicles is impracticable.

Assignment. Same as for team GA.

Capabilities. Transports 40 short tons or 125 personnel per lift in local haul; 3,000 forward ton-miles or 9,400 passenger-miles per day in line haul.

Strength. EM 16.

Basis of allocation. One per 3,000 forward ton-miles or 9,400 passenger-miles per day requirement.

Team GE, medium truck squad

Mission. To transport general cargo, bulk petroleum products, or refrigerated cargo by medium trucks and trailers.

Assignment. Same as for team GA.

Capabilities. Transports approximately 100 short tons of general cargo, 50,000 gallons of bulk petroleum, or 75 short tons of refrigerated cargo per lift; 7,500 ton-miles of general cargo per day, moving 50,000 gallons of bulk petroleum 75 miles per day or 5,600 ton-miles of refrigerated cargo per day.

Strength. EM 16.

Basis of allocation. One or a combination of the capabilities stated above.

Team GF, trailer transfer point, operating

Mission. To operate a trailer transfer point (marshalling yard) in conjunction with a long (line of communications)-haul operation.

Assignment. To transportation motor transport command.

Capabilities. a. Operates a trailer transfer point (marshalling yard) with a maximum capacity of 250 12-ton trailer units in and out per day.

b. Assembles loaded or unloaded cargo trailers to form convoys for long-haul movements; receives and breaks down convoy for rerouting.

c. Maintains POL dispensing facilities to refuel hauling equipment.

d. Services and inspects incoming vehicles and, if required, makes emergency repairs.

e. Within existing strength, can operate on a 24-hour basis.

Strength. Off 1 EM 15 Agg 16.

Basis of allocation. One per each trailer transfer point in operation.

Team GG, highway regulation point

Mission. To operate a highway regulation point to relieve traffic congestion and conflict and to effect changes in convoy routings.

Assignment. To a theater army logistical command or field army. Normally attached to headquarters and headquarters detachment, transportation truck group, TOE 55-12D.

Capabilities. Performs the following functions on a 24-hour basis:

a. Reports on convoys and other elements arriving at and clearing the point so that progress may be reported and recorded.

b. Receives, correlates, and disseminates traffic and operational information; makes reports on current highway conditions and changes as they occur.

c. Transmits orders from higher headquarters to passing units or organizations.

d. Makes diversions and effects changes in priorities of traffic as ordered.

e. Receives and passes to higher headquarters all requests for clearance; also checks on clearance of passing units.

Strength. Off 1 EM 7 Agg 8.

Basis of allocation. As determined by the theater army logistical command or field army commander. Normally one for each 30 to 40 miles of road net along which highway regulation is maintained.

Part 6—Intelligence Teams Teams HA, HB, and HC

Team HA, intelligence—collection

Mission. To perform specialized transportation intelligence activities.

Assignment. To headquarters of a corps, field army, and theater army logistical command under the supervision of the staff transportation officer thereof.

Capabilities. Provides collection, limited processing, and dissemination of technical information and intelligence concerning organization, operation, and traffic of foreign transportation systems, facilities, and operations, to include routes, materiel (except automobiles, trucks, materials-handling equipment, and pipeline

materiel), logistics, and operating installations, for transportation intelligence and logistical planning purposes; selects, processes, and expedites the flow of foreign transportation materiel for intelligence purposes.

Strength. Off 2 EM 10 Agg 12.

Basis of allocation. One or more per corps, field army, and theater army logistical command as required.

Team HB, intelligence—research

Mission. Same as for team HA.

Assignment. To headquarters of a theater or theater army, theater army logistical command, and field army under the supervision of the staff transportation officer thereof.

Capabilities. Provides production and dissemination of technical information and intelligence concerning organization, operation, and traffic of foreign transportation systems, facilities, and operations, to include routes, materiel (except automobiles, trucks, materials-handling equipment, and pipeline materiel), logistics, and operating installations, for transportation intelligence and logistical planning purposes; selects, processes, and expedites the flow of foreign transportation materiel for intelligence purposes; accomplishes selected transportation intelligence-collection mission wherein the utilization of a transportation intelligence-collection detachment is precluded.

Strength. Off 4 EM 10 Agg 14.

Basis of allocation. One or more to a headquarters of a theater or theater army, theater army logistical command, and field army.

Team HC, intelligence—augmentation

Mission. Same as for team HA.

Assignment. To team HA or HB as augmentation when required, or to commands and theaters where larger teams are not justified.

Capabilities. Collects, processes, and disseminates technical information and intelligence concerning organization, operation, and traffic of foreign transportation systems, facilities, and operations, to include routes, materiel (except automobiles, trucks, materials-handling equipment, and pipeline materiel), logistics,

PART II

and operating installations, for transportation intelligence and logistical planning purposes; selects, processes, and expedites the flow of foreign transportation materiel for intelligence purposes.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. As required to augment team HA or HB or to an area where team HA or HB cannot be used.

Part 7—Floating Craft Maintenance Teams

Teams IA to IF

Team IA, diver

Mission. To perform diving functions.

Assignment. To a terminal command or other Transportation Corps unit.

Capabilities. Performs diving functions for a terminal command or harbor craft unit, including underwater welding and cutting, salvage, hull repair, piling structure and repair.

Strength. EM 7.

Basis of allocation. One per team IE; one or more per terminal command.

Team IB, floating craft maintenance

Mission. To perform hull and engine field maintenance on floating craft.

Assignment. To a transportation harbor craft or inland waterway unit organized under TOE 55-500R.

Capabilities. Augments team ID.

Strength. EM 8.

Basis of allocation. See charts A and B, below.

Team IC, floating craft repair

Mission. To perform heavy repairs to floating craft.

Assignment. Same as for team IB.

Capabilities. Augments team ID when additional heavy skills are required.

Strength. EM 13.

Basis of allocation. See charts A and B, below.

Team ID, floating craft maintenance and repair

Mission. To perform field maintenance and repair of floating craft.

Assignment. Same as for team IB.

Capabilities. Performs field maintenance and repair of floating craft. See charts A and B, below.

Strength. Off 1 EM 29 Agg 30.

Basis of allocation. See charts A and B, below.

Team IE, terminal floating craft maintenance and repair

Mission. To perform maintenance of floating craft.

Assignment. To a transportation floating craft maintenance company organized under TOE 55-500R.

Capabilities. Performs field maintenance of floating craft.

Strength. Off 2 EM 82 Agg 84.

Basis of allocation. One per transportation floating craft maintenance company organized under TOE 55-500R.

Team IF, radio and radar maintenance

Mission. To maintain radio and radar equipment installed in floating craft.

Assignment. To a terminal command or harbor craft unit.

Capabilities. Performs organizational maintenance of 30 to 50 radio and radar sets installed in or used in connection with floating craft operations.

Strength. EM 2.

Basis of allocation. One per fifty radio or radar sets.

Chart A. Classification of Floating Craft by Design Number

Class A	Class B	Class C	Class D	Class E
210	257-A	212	186	218-E
228	327	259-A	207	230
254	396	259-B	207-A	231-A
271	3004	416	221-D	231-B
286	3008	2001	243	231-W
293		4002	243-B	276
293-A		LCM	311	269
294-A			320	285-AB
342			324	285-B
377-A			324-A	313
381			382	317-A

*Class A. Classification of Floating Craft by
Design Number—Continued*

Class A	Class B	Class C	Class D	Class E
3007			388	325
3006			421-5-G	336-B
7013			402-5-B	348-A
7014			410	348-B
7015			4003	350
LCU			6002	380
			6006	411
			6009	430
			LCVP	431
				432
				433
				435
				7001
				7004
				7005
				7010
				7011
				7016

The following table may be used for assignment of maintenance teams:

Chart B

Number and class of boats					Team ID	Team IB	Team IC
A	B	C	D	E			
1	2	3	5	8	1	---	---
	1	1	2	8	---	1	---
				8	---	---	1
2	0	5	6	0	1	---	---
1	3	4	7	24	1	1	1
1	3	4	7	16	1	1	---
1	4	5	9	24	1	2	---
1	4	5	9	40	1	2	2

Part 8—Terminal Service Teams
Teams JA to JI

Team JA, maintenance section

Mission. To maintain cargo-handling and materials-handling equipment.

Assignment. To a terminal, logistical, or area command.

Capabilities. Maintains 12 forklift trucks, 4,000-pound capacity; or 12 tractors, 3,700-pound drawbar pull, in a terminal; rail, truck, or navigation head.

Strength. EM 2.

Basis of allocation. One per 12 forklift trucks, 4,000-pound capacity; or 12 tractors, 3,700-pound drawbar pull, to be maintained beyond the capacity of a transportation terminal service company, TOE 55-117D.

Team JB, crane operating section

Mission. To operate a 20-ton truck-mounted crane.

Assignment. Same as for team JA.

Capabilities. Operates one crane on a two-shift basis in a terminal; rail, truck, or navigation head, transferring approximately 125 short tons per day.

Strength. EM 2.

Basis of allocation. One per 125 short tons per day to be transferred.

Team JC, materials handling, light

Mission. To operate materials-handling equipment.

Assignment. Same as for team JA.

Capabilities. Operates materials handling equipment on a two-shift basis, in a terminal; rail, truck, or navigation head, transferring approximately 50 short tons per day.

Strength. EM 2.

Basis of allocation. One per 50 short tons per day to be transferred.

Team JD, terminal contract supervision detachment

Mission. To negotiate for and supervise the performance of a stevedoring contract.

Assignment. To a transportation terminal command.

Capabilities. Arranges for the loading or unloading of cargo ships and the clearance of discharged cargo from the terminal by contract; supervises the performance of contracts made in connection with the loading, unloading, and terminal clearance of cargo.

Strength. Off 3 EM 5 Agg 8.

Basis of allocation. One per subinstallation of a terminal operation; one or more per terminal command.

Team JE, materials handling, heavy

Mission. Operates special-purpose materials-

handling equipment for the loading and unloading of cargo in transportation terminals.

Assignment. To a terminal, logistical, or area command to be employed in a terminal; rail, truck, or navigation head.

Capabilities. Moves 600 short tons per day across rough terrain. The 10,000-pound conventional forklift truck may be substituted for operation at established facilities with approximately the same capabilities.

Strength. EM 8.

Basis of allocation. One per 600 short tons to be moved per day.

Team JF, stevedore gear and equipment section

Mission. To maintain stevedore gear and equipment.

Assignment. Same as for team JA.

Capabilities. Maintains stevedore gear and equipment for from 10 to 20 teams JI.

Strength. EM 8.

Basis of allocation. One per 10 to 20 teams JI or comparable unit.

Team JG, cargo documentation section

Mission. To document cargo.

Assignment. Same as for team JA.

Capabilities. Performs documentation required in the loading and unloading of 360 short tons of general cargo daily in a terminal; rail, truck, or navigation head.

Strength. EM 9.

Basis of allocation. One per 360 short tons of general cargo to be documented daily.

Team JH, truck squad, amphibious

Mission. To transport cargo and personnel between ship and shore to dump or transfer points and between points on opposite shores in river crossings.

Assignment. Same as for team JA.

Capabilities. Moves 88 personnel or 10 short tons of general cargo in 1 lift in terminal, beach, or river operations.

Strength. EM 13.

Basis of allocation. One per 88 personnel or 10 short tons of general cargo to be moved by amphibious truck daily.

Team JI, cargo-handling section

Mission. To load and unload general cargo.

Assignment. Same as for team JA.

Capabilities. Provides personnel and equipment to handle 50 short tons of general cargo daily on a one-shift basis in a terminal; rail, truck, or navigation head.

Strength. EM 16.

Basis of allocation. One per each 50 short tons of general cargo to be handled on a one-shift basis.

Part 9—Aircraft Teams

Teams KA, KB, KC, and KD

Team KA, helicopter, light transport

Mission. To perform short-haul liaison and movements of personnel and cargo by helicopter.

Assignment. To a major headquarters, field installation, or may augment a transportation light helicopter company, TOE 55-57D.

Capabilities. Transports personnel and general cargo 650 ton-miles, 5,760 combat-equipped troop-miles, 4,300 litter-miles, or 6,480 passenger-miles per day. Contains sufficient personnel and equipment for organizational maintenance only. For field maintenance, should be augmented by team KC.

Strength. Off 3 EM 4 Agg 7.

Basis of allocation. One per 650 ton-miles of Army airlift required in the field army area beyond the capabilities of transportation light helicopter company, TOE 55-57D.

Team KB, helicopter, medium transport

Mission. Same as for team KA.

Assignment. To a major headquarters, field installation, or may augment a transportation medium helicopter company, TOE 55-58T.

Capabilities. Transports personnel and general cargo 1,900 ton-miles, 8,400 combat-equipped troop-miles, 5,000 litter-miles, or 8,400 passenger-miles per day. Contains sufficient personnel and equipment for organizational maintenance only. For field maintenance, should be augmented by team KC.

Strength. Off 5 EM 4 Agg 9.

Basis of allocation. One per 1,000 ton-miles of Army airlift required beyond the capabilities of transportation medium helicopter company, TOE 55-58T.

Team KC, Army aircraft repair

Mission. To perform field maintenance, recovery, and supply support for fixed-wing Army aircraft and utility helicopters.

Assignment. To field army; normally attached to transportation aircraft direct support company, TOE 55-457D.

Capabilities. Provides limited field maintenance support for approximately 50 two-place fixed-wing Army aircraft or the equivalent.

Strength. Off 1 EM 22 Agg 23.

Basis of allocation. One per the equivalent of 50 two-place fixed-wing Army aircraft requiring field maintenance support not otherwise provided.

Team KD, light transport helicopter field maintenance

Mission. To perform required field maintenance support for one transportation light helicopter company, TOE 55-57D.

Assignment. To theater or field army as required.

Capabilities. Provides field maintenance support for approximately 21 light transport and 2 utility helicopters, based on 2,300 flying hours per month. This support includes capability of providing limited supplies and repair parts for organizational and field maintenance support of a transportation light helicopter company, TOE 55-57D.

Strength. Off 1 WO 1 EM 54 Agg 56.

Basis of allocation. One per transportation light helicopter company, TOE 55-57D, requiring field maintenance support not otherwise provided.

Part 10—Movement Control Teams

Teams LA to LF

Mission. To perform movement control functions.

Assignment. To theater army logistical command or field army; usually attached to a logistical command (LA); an area command (LB);

a depot or large supply installation (LC); a rail, truck, or inland waterway head (LD); a transfer or holding point (LE); a major military area or large transportation center (LF); or may operate separately under the supervision of the appropriate staff transportation officer.

Capabilities. a. Coordinates movements between shippers, receivers, and transport services, with the exception of team LF, which performs movement control functions for major military areas or large transportation centers within designated areas.

b. Assists in planning troop movements of divisions and/or separate units in theaters of operations.

c. Performs highway regulation functions when requirements for these functions exceed the capabilities of Transportation Corps highway TOE units.

Basis of allocation.

Team LA: Eight per field army or logistical command.

Strength. Off 1 EM 5 Agg 6.

Team LB: Thirteen per field army or logistical command.

Strength. Off 1 EM 5 Agg 6.

Team LC: Fourteen per field army or logistical command.

Strength. Off 1 EM 5 Agg 6.

Team LD: Sixteen per field army or logistical command.

Strength. Off 1 EM 4 Agg 5.

Team LE: Two per field army or logistical command.

Strength. EM 5.

Team LF: One or more per each major military area or large transportation center, where the situation requires one or more teams of this size.

Strength. Off 9 EM 26 Agg 35.

A typical movement control group is composed of the following teams: 1 AE, 8 LA, 13 LB, 14 LC, 16 LD, and 2 LE.

55-510T (Tentative) Trans Spec Svc Org

Mission. To perform transportation specialized service functions to increase the productive capacity of fixed-size units where increments of less than company size are needed.

Assignment. Teams will be attached or assigned as required to fixed-strength units or may be organized along with teams from TOE 55-500R.

Capabilities. *a.* As prescribed for individual teams.

b. These detachments are not self-sufficient, but will be attached to or dependent on other units as indicated for individual teams for administration, mess, supply, and/or motor maintenance.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. As indicated in detailed breakdown of teams.

Part 1—Aircraft Team

Team AA, Army aircraft repair detachment
(US Army missile command (medium))

Capabilities. *a.* Provides for forward field maintenance, recovery, and supply support for the following Army aircraft:

<i>Fixed-wing</i>	<i>Rotary-wing</i>
Observation, light -- 6	Observation ----- 20
Utility ----- 22	Utility ----- 4
Transport ----- 25	Light transport ---- 8

b. This unit is dependent on headquarters and headquarters detachment, service and supply group, US Army missile command (medium), TOE 29-312T, for personnel services, supply, mess, and second-echelon maintenance for organic vehicles.

Strength. Off 1 WO 1 EM 67 Agg 69.

Basis of allocation. One per US Army missile command (medium), TOE 39-61T.

Remarks. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

Table XXI. Transportation Light Truck Company Major Weapons and Vehicles, TOE 55-17E

1	1	2		3		4		5	
	Item	Total co		Co HQ		3 trk plat (ea)		Maint plat	
		When equipped with 2½-ton cgo trk	When equipped with 5-ton cgo trk	When equipped with 2½-ton cgo trk	When equipped with 5-ton cgo trk	When equipped with 2½-ton cgo trk	When equipped with 5-ton cgo trk	When equipped with 2½-ton cgo trk	When equipped with 5-ton cgo trk
	<i>Weapons</i>								
2	Gun, mach, 7.62-mm, lt-weight, GP ----	18	18	3	3	5	5	---	---
3	Pistol, auto, cal .45 -----	1	1	1	1	---	---	---	---
4	Rifle, semiauto, 7.62-mm, lt bbl -----	167	174	17	17	46	46	12	19
5	Individual weapons -----	168	175	18	18	46	46	12	19
6	Crew-served weapons -----	18	18	3	3	5	5	---	---
7	Total weapons -----	186	193	21	21	51	51	12	19
	<i>Wheeled Vehicles</i>								
8	Trk, util, ¼-ton, 4x4 -----	5	5	1	1	1	1	1	1
9	Trk, cgo, 2½-ton, 6x6, LWB -----	57	3	2	2	18	---	1	1
10	Trk, cgo, 2½-ton, 6x6, LWB, WWN --	7	1	---	---	2	---	1	1
11	Trk, tk, fuel svc, 2½-ton, 6x6 -----	2	2	---	---	---	---	2	2
12	Trk, cgo, 5-ton, 6x6, LWB -----	---	54	---	---	---	18	---	---
13	Trk, cgo, 5-ton, 6x6, LWB, WWN -----	---	6	---	---	---	2	---	---
14	Trk, mdm wkr, 5-ton, 6x6, WWN -----	1	1	---	---	---	---	1	1
15	Total wheeled vehicles -----	72	72	3	3	21	21	6	6

Table XXI. Transportation Light Truck Company Major Weapons and Vehicles, TOE 55-17E—Continued

1	1	2		3		4		5	
	Item	Total co		Co HQ		3 trk plat (ea)		Maint plat	
		When equipped with 2½-ton cgo trk	When equipped with 5-ton cgo trk	When equipped with 2½-ton cgo trk	When equipped with 5-ton cgo trk	When equipped with 2½-ton cgo trk	When equipped with 5-ton cgo trk	When equipped with 2½-ton cgo trk	When equipped with 5-ton cgo trk
16	<i>Trailers</i>								
	Lub and svc unit, power-op, tlr-mtd, 12 CFM, air compressor, gas-driven, winterized -----	1	1	---	---	---	---	1	1
17	Tlr, amph, cgo, ¼-ton, 2-wheel -----	5	5	1	1	1	1	1	1
18	Tlr, cgo, 1 ½-ton, 2-wheel -----	20	20	1	1	6	6	1	1
19	Tlr, tk, water, 1 ½-ton, 2-wheel -----	1	1	1	1	---	---	---	---
20	Transporter, liq, rolling-wheel type, 1,000-gal, T3 ¹ -----	2	2	---	---	---	---	2	2
21	Total trailers -----	29	29	3	3	7	7	5	5

¹ Developmental item. Replaces trk, tk, fuel svc, 2½-ton, 6x6, and tk, liq, stor, metal, petrol, with skids, 600-gal, 1 compartment, when available.

Table XXII. Transportation Tactical Carrier Company Major Weapons and Vehicles, TOE 55-47D

	1	2	3	4	5
1	Item	Total co	Co HQ	Maint plat	3 tac carr plat (ea)
	<i>Weapons</i>				
2	Gun, mach, 7.62-mm, lt-weight, GP -----	2	2	---	---
3	Launcher, rkt, 3.5-in -----	2	2	---	---
4	Pistol, semiauto, cal .45 -----	6	1	2	1
5	Rifle, semiauto, 7.62-mm, lt bbl -----	174	14	40	40
6	Individual weapons -----	180	15	42	41
7	Crew-served weapons -----	4	4	---	---
8	Total weapons -----	184	19	42	41
	<i>Tracked Vehicles</i>				
9	Carrier, pers, full-tracked -----	57	---	---	19
10	Tk recovery vehicle, mdm -----	1	1	---	---
11	Total tracked vehicles -----	58	1	---	19
	<i>Wheeled Vehicles</i>				
12	Trk, util, ¼-ton, 4x4 -----	5	1	1	1
13	Trk, cgo, 2½-ton, 6x6, LWB -----	5	2	3	---
14	Trk, tk, gas, 2½-ton, 6x6, WWN -----	3	---	3	---
15	Total wheeled vehicles -----	13	3	7	1
	<i>Trailers</i>				
16	Tlr, amph, cgo, ¼-ton, 2-wheel -----	5	1	1	1
17	Tlr, cgo, 1½-ton, 2-wheel -----	4	1	3	---
18	Tlr, tk, water, 1½-ton, 2-wheel -----	1	1	---	---
19	Total trailers -----	10	3	4	1

Table XXIII. Transportation Light Helicopter Company Major Weapons
and Vehicles, TOE 55-57D

	1	2	3	4	5	6
1	Item	Total co	Co HQ	Op sec	2 hel plat (ea)	Svc plat
	<i>Weapons</i>					
2	Gun, mach, cal .50, Bng, hv bbl, flex -----	2	2	---	---	---
3	Gun, mach, 7.62-mm, lt-weight, GP -----	4	4	---	---	---
4	Launcher, rkt, 3.5-in -----	4	4	---	---	---
5	Pistol, semiauto, cal .45 -----	64	2	1	30	1
6	Rifle, semiauto, 7.62-mm, lt bbl -----	83	18	13	2	48
7	Individual weapons -----	147	20	14	32	49
8	Crew-served weapons -----	10	10	---	---	---
9	Total weapons -----	157	30	14	32	49
	<i>Aircraft</i>					
10	Hel, cgo, lt -----	20	---	---	10	---
11	Hel, obsn -----	2	2	---	---	---
12	Total aircraft -----	22	2	---	10	---
	<i>Wheeled Vehicles</i>					
13	Fftg equip set, Army acft crash, trk-mtd, cl 530B ----	1	---	---	---	1
14	Trk, util, ¼-ton, 4x4 -----	5	2	---	1	1
15	Trk, cgo, ¾-ton, 4x4 -----	1	---	---	---	1
16	Trk, cgo, ¾-ton, 4x4, WWN -----	4	1	2	---	1
17	Trk, cgo, 2½-ton, 6x6, LWB -----	3	---	---	---	3
18	Trk, cgo, 2½-ton, 6x6, LWB, WWN -----	2	2	---	---	---
19	Trk, lt wkr, 2½-ton, 6x6, WWN -----	1	---	---	---	1
20	Trk, shop van, 2½-ton, 6x6 -----	1	---	---	---	1
21	Trk, tk, gas, 2½-ton, 6x6 -----	3	---	---	---	3
22	Trk, trac, 5-ton, 6x6, SWB -----	1	---	---	---	1
23	Total wheeled vehicles -----	22	5	2	1	13
	<i>Trailers</i>					
24	Stlr, tk, gas, 5,000-gal, 4-wheel -----	1	---	---	---	1
25	Tlr, amph, cgo, ¼-ton, 2-wheel -----	5	2	2	---	1
26	Tlr, cgo, ¾-ton, 2-wheel -----	5	1	2	---	2
27	Tlr, cgo, 1½-ton, 2-wheel -----	4	1	---	---	3
28	Tlr, tk, water, 1½-ton, 2-wheel -----	1	1	---	---	---
29	Total trailers -----	16	5	4	---	7

Table XXIV. Transportation Medium Helicopter Company Major Weapons
and Vehicles, TOE 55-58T

	1	2	3	4	5	6	7
1	Item	Total co	Co HQ	Op plat	Comm sec	2 hel plat (ea)	Svc plat
	<i>Weapons</i>						
2	Gun, mach, cal .50, Bng, hv bbl, flex -----	2	2	---	---	---	---
3	Gun, mach, 7.62-mm, lt-weight, GP -----	4	4	---	---	---	---
4	Launcher, rkt, 3.5-in -----	4	4	---	---	---	---
5	Pistol, semiauto, cal .45 -----	54	2	1	---	25	1
6	Rifle, selective, auto-semiauto, lt bbl -----	124	15	16	9	3	78
7	Individual weapons -----	178	17	17	9	28	79
8	Crew-served weapons -----	10	10	---	---	---	---
9	Total weapons -----	188	27	17	9	28	79
	<i>Aircraft</i>						
10	Hel, transport, mdm -----	16	---	---	---	8	---
11	Hel, obsn -----	2	---	---	---	1	---
12	Total aircraft -----	18	---	---	---	9	---
	<i>Wheeled Vehicles</i>						
13	Fftg equip set, Army acft crash, trk-mtd, set No. 21 -----	1	---	1	---	---	---
14	Trk, util, ¼-ton, 4x4 -----	4	1	---	---	1	1
15	Trk, cgo, ¼-ton, 4x4 -----	2	---	---	2	---	---
16	Trk, cgo, ¾-ton, 4x4, WWN -----	2	1	1	---	---	---
17	Trk, cgo, 2½-ton, 6x6, LWB -----	4	---	---	---	---	4
18	Trk, cgo, 2½-ton, 6x6, LWB, WWN -----	1	1	---	---	---	---
19	Trk, shop van, 2½-ton, 6x6 -----	1	---	---	---	---	1
20	Trk, tk, gas, 2½-ton, 6x6 -----	4	---	4	---	---	---
21	Trk, trac, 5-ton, 6x6, SWB -----	1	---	1	---	---	---
22	Trk, trac, wkr, 5-ton, 6x6, XLWB, WWN --	1	---	---	---	---	1
23	Total wheeled vehicles -----	21	3	7	2	1	7
	<i>Trailers</i>						
24	Stlr, tk, gas, 12-ton, 4-wheel -----	1	---	1	---	---	---
25	Tlr, amph, cgo, ¼-ton, 2-wheel -----	4	1	---	---	1	1
26	Tlr, cgo, ¾-ton, 2-wheel -----	4	1	1	2	---	---
27	Tlr, cgo, 1½-ton, 2-wheel -----	4	---	---	---	---	4
28	Tlr, tk, water, 1½-ton, 2-wheel -----	1	1	---	---	---	---
29	Total trailers -----	14	3	2	2	1	5



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CHAPTER 3 OTHER UNITS

Section I. PERSONNEL

20-17D Mil Hist Det

Mission. In support of the Department of the Army Military History Program, to collect information in the field to supplement and amplify the factual account of events as recorded by organizations in the course of operations.

Assignment. To theater commander, under operational control of theater historian; may be attached to subordinate units as required.

Capabilities. a. Secures factual data, as required to supplement the written record, through interviews with commanders, staff, and other personnel, and prepares narratives or monographs as required.

b. Administration, mess, supply, and other service functions will be provided by the command to which assigned or attached.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. As required by theater commander; not to exceed one per division.

Mobility. One hundred percent mobile.

20-20D Lab Supv Org

Mission. To provide command, administrative, and labor supervision of non-US labor elements, such as prisoners of war, native labor, or other quasi-militarized groups.

Assignment. Labor supervision units may be attached or assigned to fixed-strength units or may be organized into separate operating units for performing labor service as required.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and groupings of the units used. The number of individuals under the command, administration, and supervision of these units will be

determined by local labor customs, laws, and US military regulations. Based on US military personnel standards, the following capabilities are shown as a guide. Capacity adjustments are to be made depending on local conditions.

Unit	Capacity
Section headquarters	55 to 100 individuals
District headquarters	101 to 250 individuals
Center headquarters	10 districts and/or sections
Area headquarters	10 centers

b. These units are dependent on personnel from labor elements for provision of cooks and cooks' helpers.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. a. Section headquarters: Off 1 EM 4 Agg 5.

b. District headquarters: Off 2 EM 6 Agg 8.

c. Center headquarters: Off 4 EM 8 Agg 12.

d. Area headquarters: Off 5 WO 2 EM 11 Agg 18.

Basis of allocation. On the basis of unit capacity indicated in subparagraph a of capabilities.

Mobility. Fixed.

20-52P (Proposed) HHD, Repl Gp

Mission. To expedite the flow of replacements and casualties and to exercise tactical, technical, and administrative command over attached replacement units.

Assignment. To theater army replacement and training command or field army.

Capabilities. a. Provides staff planning and supervision of operations for three to seven battalions processing replacements.

b. Establishes one or more receiving, holding, and/or hospital returnee companies or battalions for training or retraining.

c. Provides supervision of medical service and sanitation within the group.

d. This unit will be provided medical service on an area basis by cellular teams from TOE 8-500C as required.

e. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of assisting in the defense of itself and its installations against hostile ground attack.

Strength. Off 11 WO 3 EM 39 Agg 53.

Basis of allocation. One per three to seven replacement battalions.

Mobility. Eighty percent mobile.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval. When published, this unit will supersede headquarters and headquarters detachment, replacement group, TOE 20-52C, which has mission, assignment, capabilities, etc., similar to those included above.

20-56P (Proposed) HHD, Repl Bn

Mission. To plan and supervise the processing, orientation, training, and equipping of replacements and casualties.

Assignment. To theater army replacement and training command or field army; normally attached to headquarters and headquarters detachment, replacement group, TOE 20-52P.

Capabilities. a. Provides command, staff planning, administration, and supply for three to seven replacement companies.

b. Provides battalion maintenance.

c. Processes replacements and casualties, to include reception, orientation, limited training, and inspection of records.

d. Processes hospital returnees and theater casualties, to include reclassification, limited rehabilitation, limited retraining, and reassignment.

e. Furnishes the nucleus of a training battalion for retraining of personnel converted from one arm or service to another.

f. When augmented by dispensary detachment (Off 1 EM 6), this unit provides medical service, to include physical profile examinations; emergency medical treatment; operation of medical dispensary; evacuation of patients and casualties, if required and practicable; and supervision of sanitation.

g. When not augmented, this unit will be provided medical service on an area basis by cellular teams from TOE 8-500C as required.

h. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of assisting in the defense of itself and its installations against hostile ground attack.

Strength. Off 7 WO 2 EM 46 Agg 55.

Basis of allocation. One per three to seven replacement companies, TOE 20-57P.

Mobility. Thirty-five percent mobile.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval. When published, this unit will supersede headquarters and headquarters detachment, replacement battalion, TOE 20-56C, which has mission, assignment, capabilities, etc., similar to those included above.

20-57P (Proposed) Repl Co

Mission. To provide the operating component of the replacement battalion for messing, billeting, and training of replacements and casualties.

Assignment. To theater army replacement and training command or field army; normally attached to headquarters and headquarters detachment, replacement battalion, TOE 20-56P.

Capabilities. a. Provides messing, billeting, and limited training for 400 replacements.

b. Individuals of this unit can fight as infantrymen when required. The unit has the capability of assisting in the defense of itself and its installations against hostile ground attack.

Strength. Off 5 EM 27 Agg 32.

Basis of allocation. One per 400 replacements, or major fraction thereof, to be processed.

Mobility. Ten percent mobile.

Remarks. Above data are included for planning purposes only and do not reflect final DA approval. When published, this unit will super-

sede replacement company, TOE 20-57C, which has mission, assignment, capabilities, etc., similar to those included above.

Section II. JUDGE ADVOCATE GENERAL

27-500D JAG Svc Org

Mission. a. To perform the excess operational judge advocate functions in a field or a combat situation and to dispose of the unusual type legal workload generated under conditions of hostility.

b. To provide augmentation as required for variable strength organizations.

c. To effectuate mobility and flexibility of professional personnel commensurate with varying peak workloads within units concerned.

d. To provide maximum efficient utilization of professional personnel.

Assignment. Teams will be assigned or attached in accordance with theater army directives. Teams will be theater army troops but will be assigned or attached normally to a field army or corresponding logistical command and attached to lower echelons only for such periods of time as workloads justify.

Capabilities. a. The capabilities of teams organized under this TOE vary with the size and grouping of the teams used. Individual team capabilities are indicated in the detailed breakdown of teams.

b. Appropriate administrative and maintenance functions not herein provided are the responsibility of the commander to whose unit the judge advocate general service team is attached or assigned.

c. Individuals of these teams can fight as infantrymen when required.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. Normally as indicated in breakdown of teams.

Mobility. The degree of mobility must be computed for each specific combination of teams used.

Part 1—Detachment Headquarters Teams Teams AA and AB

Team AA, detachment headquarters

Capabilities. Provides administration and operational control of one or more judge advocate cellular units.

Strength. Off 2 EM 2 Agg 4.

Basis of allocation. One per 1 or more judge advocate teams of a total strength of not less than 40 individuals.

Team AB, detachment headquarters

Capabilities. Same as for team AA.

Strength. Off 4 WO 1 EM 4 Agg 9.

Basis of allocation. One per 6 or more judge advocate teams of a total strength of not less than 100 individuals.

Part 2—Claims Service Teams

Teams FA, FB, and FC

Team FA, investigating

Capabilities. Performs complete investigative service, to include preparation for adjudication of all claims arising in the area to which assigned. Provides actual investigation, contact with claimant, and collection of evidence in individual claims.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. Three per corps, 3 per field army, and 1 per 10,000 troops in the communications zone.

Team FB, control-adjudicating

Capabilities. Supervises the work of three to seven teams FA and adjudicates the small claims processed by those investigating teams within applicable jurisdictional limits.

Strength. Off 2 WO 1 EM 7 Agg 10.

Basis of allocation. One per three to seven teams FA.

PART II

Team FC, adjudicating

Capabilities. Adjudicates all claims arising within the area to which assigned which are in excess of the jurisdictional limit of a one-man claims commission and are within the jurisdictional limitations of a three-man claims commission.

Strength. Off 3 WO 1 EM 7 Agg 11.

Basis of allocation. One per three to seven teams FB.

Part 3—War Crimes Teams**Teams GA and GB****Team GA, investigating**

Capabilities. Performs on-the-scene investigation, interrogations, and gathering of photographic, documentary, and testimonial evidence in connection with the necessary war crimes investigatory work in the area to which assigned.

Strength. Off 2 EM 2 Agg 4.

Basis of allocation. Three per corps, 3 per field army, and 1 per 15,000 troops in the communications zone.

Team GB, control

Capabilities. Exercises operational control over three to seven teams GA. Directs and supervises investigation of war crimes by teams GA. Collects evidence gathered by teams GA and processes this evidence to the central war crimes headquarters.

Strength. Off 2 WO 1 EM 2 Agg 5.

Basis of allocation. One per three to seven teams GA.

Part 4—General Court-Martial Trial Teams**Teams HA and HB****Team HA, general court-martial trial**

Capabilities. Performs, as a self-contained unit, all operational aspects of general court-martial cases.

Strength. Off 3 EM 3 Agg 6.

Basis of allocation. One per 17,000 corps troops in excess of 15,000; 1 per 17,000 field army troops in excess of 35,000; 1 per 12,000 troops in communications zone.

Team HB, general court-martial trial

Capabilities. Same as for team HA.

Strength. Off 5 EM 5 Agg 10.

Basis of allocation. One per 34,000 field army troops in excess of 35,000; 1 per 34,000 corps troops in excess of 15,000; 1 per 24,000 troops in communications zone; 1 per corps in addition to the foregoing; 1 per 90,000 field army troops in addition to the foregoing; 1 per 75,000 troops in communications zone in addition to the foregoing.

Part 5—Legal Assistance Teams**Teams IA and IB****Team IA, legal assistance**

Capabilities. Provides legal assistance to service personnel. May be employed as circuit riders to assist troops in inaccessible areas.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One per 15,000 troops in communications zone; 1 per 15,000 corps troops in excess of 15,000; 1 per 15,000 field army troops in excess of 30,000; 1 per 15,000 troops in each rest area; 1 per 10,000 beds in hospital area.

Team IB, legal assistance

Capabilities. Controls the activities of five to nine teams IA, and assists in the more difficult legal assistance problems.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per five to nine teams IA.

Part 6—Procurement Law Teams**Teams JA to JE****Team JA, contract law**

Capabilities. Reviews contracts and related documents for legal sufficiency and conformance with regulations and policy. Assists contracting officers in the general negotiation of contracts and contract clauses. Interprets laws and regulations pertaining to contracts; promulgates necessary regulations; maintains liaison with other Government agencies; and furnishes legal advice as to all phases of the administration of contracts.

Strength. Off 9 EM 5 Agg 14.

Basis of allocation. Normally assigned to field army, theater army logistical command, or subordinate logistical commands, as required by its particular mission.

Team JB, property law

Capabilities. Acts for commander on legal problems concerning disposal, sale, lease, loan, etc., of property; and use thereof in aid of military or civil authority. Interprets and promulgates necessary regulations. Reviews industrial facilities and "Government-owned contract operated" contracts and renders advice as to all aspects of the administration of contracts.

Strength. Off 5 EM 3 Agg 8.

Basis of allocation. Same as for team JA.

Team JC, frauds

Capabilities. Takes appropriate action on matters involving suspected criminal conduct or fraudulent activity on the part of military personnel or civilian employees of the Department of the Army or by private companies, organizations, or individuals, in connection with procurement activities.

Strength. Off 4 EM 2 Agg 6.

Basis of allocation. Same as for team JA.

Team JD, labor relations

Capabilities. Acts for commander to prevent labor stoppages which might adversely affect military procurement. Considers noncompliance with labor laws by Government contractors. Maintains liaison with other Government agencies in this field.

Strength. Off 6 EM 3 Agg 9.

Basis of allocation. Normally assigned to field army or theater army logistical command, as required by its particular mission.

Team JE, fiscal law

Capabilities. Takes appropriate action on all matters pertaining to taxes imposed by Governmental taxing authorities against Army contracts and/or any instrumentalities; Government financing by advance payments and guaranteed loans; import and export duties and excise taxes.

Strength. Off 5 EM 2 Agg 7.

Basis of allocation. Same as for team JA.

Section III. COMPOSITE

29-307D Spt Co, US Army MSLCOMD (Air-Trans)

Mission. To procure, store, and issue class I, III, and V supplies (to include nuclear weapons and components), and ordnance and quartermaster class II and IV supplies.

Assignment. Organic to US Army missile command (air-transportable), TOE 39-51D.

Capabilities. a. Provides quartermaster class I, II, III, and IV supplies and equipment.

b. Provides ordnance class II, IV, and V (including nuclear weapons and components and supporting nuclear ordnance materiel).

c. Provides engineer class II and IV supplies.

d. Provides nuclear weapons support capability, to include—

- (1) Mobile receipt, storage, and issue of an average of eighteen 762-mm rock-

ets with warheads and atomic demolition munitions per day.

- (2) Technical assistance on nuclear weapons matters to supported units.
- (3) Nuclear weapons calibration service to supported units, using secondary transfer standards.
- (4) Receipt, storage, and issue of nuclear ordnance materiel.

e. Provides transportation (75 percent vehicles operating daily) and personnel—

- (1) To move 210 short tons of general cargo in local hauls daily, or
- (2) To compile 6,562 forward ton-miles daily in line hauls, or
- (3) To move 375 personnel in 1 lift in local hauls, or
- (4) To move 240 personnel in 1 lift in line hauls, or

PART II

- (5) To accomplish appropriate combination of (1), (2), (3), and (4), above.

f. Provides organizational vehicular maintenance for other elements of the missile command, as follows:

- (1) Headquarters and headquarters company, TOE 39-52D.
- (2) Signal company, TOE 11-237D.
- (3) Rifle company, TOE 7-17D.

g. Provides radiological survey at rate of—

- (1) One square kilometer ($\frac{1}{2}$ square mile) per hour on foot.
- (2) Ten square kilometers (4 square miles) per hour by vehicle.
- (3) Four hundred square kilometers (150 square miles) per hour when using two fixed- or rotary-wing aircraft.

h. Provides toxic chemical detection and identification service.

i. Provides third-echelon CBR decontamination service of vital areas and equipment for a force of approximately 1,500 troops.

j. Provides medical service on an area basis for units not having organic medical means and medical supplies to all units of the missile command.

k. This unit is dependent on headquarters and headquarters company, US Army missile command (air-transportable), TOE 39-52D, for personnel services and necessary aviation support.

l. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 WO 4 EM 143 Agg 155.

Basis of allocation. One per US Army missile command (air-transportable), TOE 39-51D.

Mobility. Eighty percent mobile and air-transportable.

Remarks. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

29-311P (Proposed) Svc and Spt Gp, US Army
MSLCOMD (Mdm)

Mission. To provide third-echelon logistical and maintenance support and division-level

medical service to support the US Army missile command (medium).

Assignment. Organic to US Army missile command (medium), TOE 39-61P.

Capabilities. *a.* Provides engineer field maintenance support (third echelon) for major items of engineer equipment.

b. Provides repair of special engineer equipment, including mine detectors, odographs, searchlights, sniperscopes, and other infrared devices.

c. Provides forward support field maintenance (third echelon), recovery, and supply support for fixed- and rotary-wing Army aircraft.

d. Provides medical service for all units of the missile command, to include evacuation, emergency medical treatment, minor and resuscitative surgery, emergency dental treatment, preventive medicine, and sanitation training and supervision.

e. Provides third-echelon logistical support, to include intransit storage and distribution of all classes of supplies and reserve of class I, II, III, and IV supplies.

f. Provides limited graves registration service, to include receipt, identification, and evacuation of the dead.

g. Provides radiological monitoring and CBR decontamination service.

h. For self-sufficiency of this unit, see applicable TOE of each component. (Components of this unit are listed below.)

i. Individuals of this unit, except medical personnel can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 38 WO 5 EM 471 Agg 514.

Basis of allocation. One per US Army missile command (medium), TOE 39-61P.

Mobility. See components.

Components. Composed of the following units:

One headquarters and headquarters detachment, TOE 29-312P.

One medical company, TOE 8-64P.

One quartermaster company, TOE 10-64P.
One transportation support company, TOE 55-67P.

One chemical platoon, TOE 3-()P. See remarks, TOE 3-7D.

One engineer maintenance and supply platoon, augmentation, TOE 5-36P. See footnotes, organization chart, TOE 39-61P.

Remarks. a. For data concerning vehicles and armament, see table XII.

b. Above data are included for planning purposes only and do not reflect final DA approval.

29-311T (Tentative) Svc and Sup Gp, US Army MSLCOMD (Mdm)

Mission. a. To support the US Army missile command (medium) by providing third-echelon logistical and maintenance support and limited third-echelon medical service.

b. To coordinate security of the group.

Assignment. Organic to US Army missile command (medium), TOE 39-61T.

Capabilities. a. Provides engineer field maintenance support for approximately 375 major items of engineer equipment or 180 vehicle equivalents.

b. Provides repair of special engineer equipment, including sniperscopes, mine detectors, odographs, seachlights, and small quantities of other infrared devices.

c. Provides forward support field maintenance, recovery, and supply support for fixed- and rotary-wing Army aircraft.

d. Provides medical service, to include evacuation of casualties, short-term hospitalization on an area basis, and emergency surgical procedure when necessary in preparing patients for evacuation.

e. Provides third-echelon logistical support, to include intransit storage and distribution of all classes of supplies, transportation of supplies, and reserve of class I, II, III, and IV supplies.

f. Provides limited graves registration service, to include receipt, identification, and evacuation of the dead.

g. Provides radiological monitoring and CBR decontamination service.

h. Provides supply of conventional ammunition, nuclear weapon warheads, conventional warheads, missile bodies, propellants, nuclear artillery shells, and nuclear components to firing units.

i. Provides supply and maintenance of ordnance class II and IV equipment, including maintenance of the missiles of the CORPORAL battalion and supply of parts in connection therewith.

j. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 49 WO 22 EM 891 Agg 962.

Basis of allocation. One per US Army missile command (medium), TOE 39-61T.

Mobility. See components.

Components. Composed of the following units:

One headquarters and headquarters detachment, TOE 29-312T.

One radiological monitoring and CBR decontamination detachment (AA), TOE 3-510T.

One engineer field maintenance detachment (modified) (EH), TOE 5-500R.

One Army aircraft repair detachment (AA), TOE 55-510T.

One ordnance battalion, TOE 9-75T.

One quartermaster supply and service company, TOE 10-61T.

One medical company, TOE 8-61T.

Remarks. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

29-312P (Proposed) HHD, Svc and Spt Gp, US Army MSLCOMD (Mdm)

Mission. To provide tactical command, control, and supervision of all units attached or assigned to the service and support group.

Assignment. Organic to the service and support group, US Army missile command (medium), TOE 29-311P.

Capabilities. a. Provides tactical command, control, and supervision of attached or assigned units.

PART II

b. Provides for movement of group in accordance with the tactical plans, to include route and bivouac reconnaissance, selection of bivouac area in coordination with G3 and G4, and posting of guides as required.

c. Provides protection and security of the group, both on the march and in bivouac.

d. Provides nontechnical training of personnel of the group.

e. Provides administration (including personnel), mess, supply, and organizational automotive maintenance for the engineer maintenance and supply platoon, augmentation, TOE 5-36P; and the chemical platoon, TOE 3-()P.

f. Provides routine supervision of administration and supply activities of assigned or attached units.

g. Individuals of this unit, except chaplain, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 EM 33 Agg 41.

Basis of allocation. One per service and support group, TOE 29-311P.

Mobility. One hundred percent mobile.

Remarks. a. For data concerning vehicles and armament, see table XII.

b. Above data are included for planning purposes only and do not reflect final DA approval.

29-312T (Tentative) HHD, Svc and Sup Gp, US Army MSLCOMD (Mdm)

Mission. To provide tactical command and control and supervision of all units attached or assigned to the service and supply group.

Assignment. Organic to service and supply group, US Army missile command (medium), TOE 29-311T.

Capabilities. a. Provides tactical command and control and supervision of attached or assigned units.

b. Provides for movement of group in accordance with the tactical plans, to include route and bivouac reconnaissance, selection of bivouac area in coordination with G3 and G4, and posting of guides as required.

c. Provides protection and security of the group, both on the march and in bivouac.

d. Provides nontechnical training of personnel of the group.

e. Provides administration (including personnel), mess, supply, and organizational automotive maintenance for the engineer field maintenance detachment (EH), TOE 5-500C; Army aircraft repair detachment (AA), TOE 55-510T and the radiological monitoring and CBR decontamination detachment (AA), TOE 3-510T.

f. Provides routine supervision of administration and supply activities of assigned or attached units.

g. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 8 EM 35 Agg 43.

Basis of allocation. One per service and supply group, US Army missile command (medium), TOE 29-311T.

Mobility. One hundred percent mobile.

Remarks. For data concerning vehicles and armament, see FM 101-10, part I, chapter 1.

29-500D Comp Svc Org

Mission. To provide personnel and equipment for mess, automotive maintenance, aviation operation and maintenance, data processing, and aviation support detachments. Personnel and equipment provided will be based on the number of personnel to be messed, number of vehicle equivalents requiring operational and maintenance support, number of transaction line items per month, and administrative support required by aviation teams.

Assignment. To division, corps, field army, theater army logistical command, or theater for attachments as required.

Capabilities. As indicated in detailed breakdown of teams.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. a. For all teams in parts

1, 3, 4, and 5, as indicated in detailed description of individual teams.

b. For automotive maintenance teams in part 2, vehicle equivalents used in determining the number of motor vehicle mechanics required for performing automotive organizational maintenance on general-purpose, combat, special-purpose, and special-equipment vehicles powered by gasoline or pulled by a towing vehicle will be computed on the following basis:

<i>Trailers</i>	<i>Vehicle equivalents</i>
For cargo, personnel, or equipment up to 1½ tons, inclusive -----	0.1
For cargo, personnel, or equipment over 1½ tons and up to 3½ tons, inclusive -----	0.3
For cargo, personnel, or equipment over 3½ tons and up to 15 tons, inclusive -----	0.4
For cargo or equipment over 15 tons -----	0.8
<i>Vehicles (except amphibious)</i>	
Cars, passenger and scout; motorcycles; trucks, forklift; trucks, warehouse tractor; and other trucks up to 2½ tons, inclusive --	1.0
Wheeled and tracked over 2½ tons and up to 10 tons, inclusive -----	2.0
Wheeled and tracked over 10 tons -----	3.5
<i>Vehicles (amphibious)</i>	
2½ tons or over -----	3.5

Mobility. The degree of mobility must be computed for each specific combination of teams and/or composite units to be used.

Part 1—Mess Detachments

Teams CA, CB, and CC

Team CA, unit mess. Provides the minimum basic personnel and equipment necessary for the operation of a unit mess subsisting not more than 62 individuals. *Strength.* EM 4.

Team CB, mess, augmentation. Provides for the required augmentation of a unit mess with 1 team CB when additional individuals to be subsisted increase the unit strength in excess of 62. An additional team CB is authorized for each increase of 60 individuals, or major fraction thereof in excess of 75, but not exceeding 195 individuals. An additional team CB is authorized for each increase of 75 individuals, or major fraction thereof in excess of 195, but not exceeding 500 individuals. An additional team CB is authorized for each increase of 90 individuals or major fraction thereof in excess of the first 500. When a unit mess operates on a 24-hour basis and at least 15 percent of the

rations are consumed at night, team CB, or multiples of this team, provide for the augmentation of a unit mess not to exceed one-third overstrength of total cooks authorized. *Strength.* EM 1.

Team CC, mess, augmentation. Provides for the augmentation of a unit mess operating 2 or more separate echelon messes of a combined strength of more than 300 individuals. *Strength.* EM 1.

Part 2—Automotive Maintenance Detachments

Teams DA to DN

a. Provides the minimum basic personnel and equipment necessary for the operation of an automotive maintenance section.

(1) Company or smaller unit.

Team DA, company automotive maintenance, wheeled. When servicing 12 wheeled- or 8 amphibious wheeled-vehicle equivalents or major fraction thereof. *Strength.* EM 1.

Team DB, company automotive maintenance, tracked. When servicing 12 tracked- or 8 amphibious tracked-vehicle equivalents or major fraction thereof. *Strength.* EM 1.

(2) Separate company, battalion, or larger units. (Teams provided herein supplement teams authorized under company or smaller unit when not otherwise provided.)

Team DC, battalion automotive maintenance, wheeled. When authorized 30 wheeled- or 12 amphibious wheeled-vehicle equivalents or major fraction thereof. *Strength.* EM 2.

Team DD, battalion automotive maintenance, tracked. When authorized 30 tracked- or 12 amphibious tracked-vehicle equivalents or major fraction thereof. *Strength.* EM 1.

b. Provides for the augmentation of an automotive maintenance section with an automotive mechanic not otherwise provided.

(1) Company or smaller unit.

Team DE, wheeled-vehicle mechanic, augmentation. For each 12 wheeled- or for each 8 amphibious wheeled-vehicle equivalents, or major fraction thereof, based on the total authorized the unit. *Strength.* EM 1.

PART II

Team DF, tracked-vehicle mechanic, augmentation. For each 12 tracked- or for each 8 amphibious tracked-vehicle equivalents, or major fraction thereof, based on the total authorized the unit. *Strength.* EM 1.

- (2) Separate company, battalion, or larger unit. (Teams provided herein supplement teams authorized under company or smaller unit when not otherwise provided.

Team DE, wheeled-vehicle mechanic, augmentation. For each 30 wheeled- or for each 12 amphibious wheeled-vehicle equivalents, or major fraction thereof, based on the total authorized the unit. *Strength.* EM 1.

Team DF, tracked-vehicle mechanic, augmentation. For each 30 tracked- or for each 12 amphibious tracked-vehicle equivalents, or major fraction thereof, based on the total authorized the unit. *Strength.* EM 1.

c. Provides for the augmentation of an automotive maintenance section with a chief (wheeled) or senior (tracked) automotive mechanic not otherwise provided.

Team DG, senior wheeled-vehicle mechanic, augmentation. For each four wheeled-vehicle mechanics authorized the unit when a fifth mechanic is required. *Strength.* EM 1.

Team DH, senior tracked-vehicle mechanic, augmentation. For each three tracked-vehicle mechanics authorized the unit when a fourth mechanic is required. *Strength.* EM 1.

d. Provides for the augmentation of an automotive maintenance section with an automotive maintenance sergeant not otherwise provided.

- (1) Company or smaller unit.

Team DI, company wheeled-vehicle motor maintenance sergeant. When eight or more wheeled-vehicle mechanics are authorized the unit. *Strength.* EM 1.

Team DJ, tracked-vehicle motor maintenance sergeant. When eight or more tracked-vehicle mechanics are authorized the unit. *Strength.* EM 1.

- (2) Separate company, battalion, or larger unit.

Team DJ, tracked-vehicle motor maintenance sergeant. When five or more tracked-vehicle mechanics are authorized the unit. *Strength.* EM 1.

e. Provides for the augmentation of an automotive maintenance section of a unit with an assistant automotive sergeant not otherwise provided.

Team DK, assistant wheeled-vehicle motor maintenance sergeant. When 16 or more wheeled-vehicle mechanics are authorized the unit. *Strength.* EM 1.

Team DL, assistant tracked-vehicle motor maintenance sergeant. When 16 or more tracked-vehicle mechanics are authorized the unit. *Strength.* EM 1.

f. Provides for the augmentation of an automotive maintenance section of a unit with a wheeled-vehicle motor sergeant and/or tracked-vehicle motor sergeant.

Team DM, wheeled-vehicle motor sergeant. Provides supervision of both motor pool operation and vehicle maintenance when two or more wheeled-vehicle mechanics are authorized and a truck master is not otherwise authorized in the unit. *Strength.* EM 1.

Team DN, tracked-vehicle motor sergeant. Provides for supervision of both motor pool operation and tracked-vehicle maintenance when three or more tracked-vehicle mechanics are authorized. *Strength.* EM 1.

Part 3—Aviation Operation and Maintenance Detachments

Teams EA to EI

a. When organized as separate units, designation will include branch of service, if applicable.

b. Aircraft maintenance. Authorization for crew chiefs, airplane mechanics, and/or helicopter mechanics and mechanics' helpers will be computed according to the following formula. The authorization maintenance personnel will be computed separately for each type airplane and/or helicopter.

No. of acft × No. of flying hours¹ × maint hr per flying hr²

No. maint man-hours available per month³
= No. maint pers authorized.

Table A

Type of aircraft	Maintenance man-hours per flying hour
L-19	3.0
L-20	4.0
L-23	6.0
H-13	4.0
H-23	4.0
H-19	7.0
H-34	10.8

Table B. Productive Man-Hours Per Individual Per Month

	5½-day week (8 hr/day)	6-day week (10 hr/day)	6-day week (12 hr/day)
Total man-hours available -----	192	260	312
Absent from MOS duties -----	70	66	74
Nonproductive time -----	16	33	52
Productive time ---	106	161	186

¹ Flying hours per month as listed in DA SB 1-1, table II.

² Maintenance hours per flying hour, table A, above.

³ Productive maintenance man-hours available per month, table B, above.

Team EA, airplane, observation or utility. Provides the minimum basic personnel and equipment required for the operation and maintenance of one Army airplane, observation, light; or airplane, utility (single engine). *Strength*. Off 1 EM 1 Agg 2.

Team EB, airplane, utility transport. Provides the minimum basic personnel and equipment required for the operation and maintenance of an Army airplane, utility transport (multiple engine). *Strength*. Off 2 EM 1 Agg 3.

Team EC, helicopter, observation. Provides the minimum basic personnel and equipment required for the operation and maintenance of an Army helicopter, observation. *Strength*. Off 1 EM 1 Agg 2.

Team ED, helicopter, utility. Provides the minimum basic personnel and equipment required for the operation and maintenance of an Army helicopter, utility. *Strength*. Off 2 EM 1 Agg 3.

Team EE, helicopter, light transport. Provides

the minimum basic personnel and equipment required for the operation and maintenance of an Army helicopter, light transport. *Strength*. Off 2 EM 1 Agg 3.

Team EF, airplane, augmentation. Provides the augmentation of an Army airplane with additional mechanic and equipment when required in accordance with tables A and B, above. *Strength*. EM 1.

Team EG, helicopter, augmentation. Provides the augmentation of an Army helicopter with additional mechanic and equipment when required in accordance with tables A and B, above. *Strength*. EM 1.

Team EH, aircraft maintenance crewman. Provides the augmentation of an Army airplane and/or helicopter with mechanic's helper and equipment when required in accordance with tables A and B, above. *Strength*. EM 1.

Team EI, aircraft maintenance supervisor. Provides personnel for the supervision of six or more aircraft mechanics and helpers when not otherwise provided. *Strength*. EM 1.

Part 4—Data Processing Detachments Teams FA and FB

Team FA, data processing. Provides the minimum basic personnel and equipment for a 1-shift operation of an electric accounting machine section handling from 8,000 to 15,000 transaction lines per month. *Strength*. Off 1 EM 13 Agg 14.

Remarks. Funding for items of data processing equipment by team FA will be the responsibility of the major commander to whom the unit is assigned.

Team FB, data processing, augmentation. Provides for the required augmentation of team FA with a second shift when an electric accounting machine section is required to handle from 15,000 to 30,000 transaction lines per month. *Strength*. WO 1 EM 13 Agg 14.

Part 5—Aviation Support Detachments Teams GA to GM

Team GA, aviation command and control head-

PART II

quarters. Provides command, control, and administration for an aviation unit of company size or smaller, but larger than a platoon, consisting of cellular teams. Other cellular teams may be attached to provide such services as mess and communications. This team provides the headquarters to supervise and control airfield operations, terminals air traffic regulations, airfield service, or Army aviation operations. *Strength.* Off 1 EM 5 Agg 6.

Team GB, control tower. Provides personnel and equipment for air traffic regulation and control in an Army airfield control zone and on the airfield during visual flight conditions. The same regulation and control during instrument flight conditions are provided by the employment of this team in conjunction with teams GF and GH. Employed as required for the support of major Army airfields. Normally only the primary airfield of an Army aviation unit will require a control tower team. *Strength.* EM 3.

Team GC, control tower, augmentation. Provides a trained specialist to augment team GB as required. *Strength.* EM 1.

Team GD, flight dispatch. Provides airfield operations and dispatch service to an organization composed of aviation teams as required. This team, in support of major Army airfields, organizes and operates an airfield operations office, provides dispatching and flight information, and receives and files flight plans. *Strength.* Off 1 EM 3 Agg 4.

Team GE, flight dispatch, augmentation. Provides a trained specialist to augment team GD as required. *Strength.* EM 1.

Team GF, approach control. Provides approach and departure control facilities and radar control of terminal traffic at major Army airfields as required. Normally only the primary airfield of an Army aviation unit will require an approach control team. *Strength.* EM 7.

Team GG, approach control, augmentation. Provides a trained specialist to augment team GF as required. *Strength.* EM 1.

Team GH, low/medium frequency beacon. Provides personnel and equipment for the installation, operation, and maintenance of a beacon with associated power and communication equipment. Employed as required at major airfields and with the Army air traffic regulation and identification system. *Strength.* EM 2.

Team GI, airfield communications. Provides personnel and equipment for installation, operation, and maintenance of airfield wire communications, and organizational maintenance of electronic equipment. Normally required at major Army airfields only. *Strength.* EM 3.

Team GJ, aviation technical inspection. Provides personnel capable of determining the quality of maintenance personnel and the effectiveness of maintenance supervision. One team (MOS 67940) and one team (MOS 67950) are required for aviation company-size unit with both fixed- and rotary-wing aircraft. If only fixed-wing aircraft are used, one team (MOS 67940) is required. For rotary-wing aircraft, one team (MOS 67950) is required. *Strength.* EM 1.

Team GK, airfield service headquarters. Provides a headquarters for an airfield service organization of platoon size. The team commands, controls, and supervises aircraft maintenance and airfield service sections or teams as required. *Strength.* Off 1 EM 2 Agg 3.

Team GL, airfield service. Provides the personnel for installation and maintenance of runway and associated airfield lighting equipment, and the procurement and dispensing of POL products to a company-size aviation unit. One team is normally required for each major Army airfield. *Strength.* EM 5.

Team GM, aviation fire/crash rescue. Provides personnel and equipment for fighting fires, extricating personnel from crashed aircraft, and performing first aid on personnel injured in aircraft. Supports aviation unit operating a major Army airfield. *Strength.* EM 4.

Section IV. MILITARY INTELLIGENCE

30-14E Mil Intel Det, Armd Cav Regt, Sep CC, or Sep Inf Bde

Mission. To perform specialized intelligence and counterintelligence functions which require the employment of special skills or the utilization of foreign languages in support of an armored cavalry regiment, separate combat command, or separate infantry brigade.

Assignment. A separate detachment assigned to the military intelligence battalion, field army, TOE 30-15D, and attached to an armored cavalry regiment, separate combat command, or separate infantry brigade on a quasi-permanent basis.

Capabilities. a. Provides the intelligence officer, S2, of an armored cavalry regiment, separate combat command, or separate infantry brigade, assistance in the specialized fields of order of battle, imagery interpretation, interrogation of prisoners of war, document translation, and counterintelligence.

b. Personnel of this unit, as designated by the unit commander, can perform nonspecialized intelligence staff functions in addition to assigned specialties.

c. This unit will be attached to other units for mess and maintenance support.

d. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 11 EM 21 Agg 32.

Basis of allocation. One per each armored cavalry regiment, separate combat command, or separate infantry brigade in a field army. The number of these detachments in the military intelligence battalion, field army, depends on the number of armored cavalry regiments, separate combat commands, or separate infantry brigades in a given field army.

Mobility. One hundred percent mobile.

30-15D Mil Intel Bn, Fld Army

Mission. To perform specialized intelligence and counterintelligence functions in support of the field army.

Assignment. To a field army.

Capabilities. a. Supports the field army, its subordinate corps, or airborne corps, and divisions (to include airborne division) by providing specialized assistance in the fields of order of battle, photointerpretation, counterintelligence, field operations intelligence, technical intelligence, coordination, strategic intelligence research and analysis, prisoner of war interrogation, language translation and interpretation, and Armed Forces censorship.

b. Commands, controls, and supervises operational, administrative, and logistical functions of those subordinate military intelligence units which operate at field army level.

c. Provides technical supervision, administration, and limited logistical support for those subordinate military intelligence units attached to corps, airborne corps, and divisions (to include airborne division) of the field army.

d. Individuals of this battalion can fight as infantrymen when required. The unit is capable of defending itself and its installations from hostile ground attack.

Strength. Off 393 WO 97 EM 1,045 Agg 1,535.

Basis of allocation. One per field army.

Mobility. a. See components below.

b. One hundred percent air-transportable in medium transport aircraft.

30-16D HQ & HQ Co, Mil Intel Bn, Fld Army

Mission. To provide command, control, administrative support, limited supply, and limited maintenance for the military intelligence battalion, field army, TOE 30-15D.

Assignment. Organic to military intelligence battalion, field army, TOE 30-15D.

Capabilities. a. Provides command, control, staff planning, supervision, and coordination of operations of those elements of the military intelligence battalion which operate at field army level.

b. Provides personnel administration, limited organizational maintenance, limited logistical

support, as well as special technical logistical support and guidance for organic units.

c. Individuals of this unit can fight as infantrymen when required. The unit is capable of defending itself and its installations from hostile ground attack.

Strength. Off 63 WO 11 EM 153 Agg 227.

Basis of allocation. One per military intelligence battalion, field army, TOE 30-15D.

Mobility. a. Fifty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

30-17D Mil Intel Det, Div

Mission. To perform specialized intelligence and counterintelligence functions which require the employment of special skills or the utilization of foreign languages in support of an infantry, armored, or airborne division.

Assignment. Organic to the military intelligence battalion, field army, TOE 30-15D. Attached to infantry, armored, or airborne division.

Capabilities. a. Provides the assistant chief of staff, G2, of a corps with assistance in the specialized fields of order of battle, photointerpretation, counterintelligence, interrogation of prisoners of war, and language interpretation.

b. Personnel of this unit, as designated by the unit commander, can perform nonspecialized intelligence staff functions in addition to assigned specialties.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

d. Lands by parachute or aircraft when attached to an airborne division.

e. This unit will be attached to other units for mess and motor maintenance support.

Strength. Off 16 WO 4 EM 41 Agg 61.

Basis of allocation. One per each infantry, armored, or airborne division in a field army. The number of these detachments in a military intelligence battalion depends on the number of infantry, armored, or airborne divisions in a given field army. Normally this will be 12 detachments.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

30-18D Mil Intel Det, Corps or Abn Corps

Mission. To perform specialized intelligence and counterintelligence functions which require the employment of special skills or the utilization of foreign languages in support of a corps or airborne corps headquarters.

Assignment. Organic to the military intelligence battalion, field army, TOE 30-15D, and attached to corps or airborne corps.

Capabilities. a. Provides the assistant chief of staff, G2, of a corps with assistance in the specialized fields of order of battle, prisoner of war interrogation, documents translation, language interpretation, technical intelligence, counterintelligence, and photointerpretation.

b. Personnel of this unit, as designated by the unit commander, can perform nonspecialized intelligence staff functions in addition to assigned specialties.

c. Individuals of this unit can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

d. Lands by parachute or aircraft when attached to an airborne corps.

e. This unit will be attached to other units for mess and motor maintenance support.

Strength. Off 22 WO 2 EM 45 Agg 69.

Basis of allocation. One per corps in a field army. The number of these detachments in a military intelligence battalion depends on the number of corps in a given field army. Normally this will be three detachments.

Mobility. a. One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

30-19D Mil Intel Coll Co

Mission. To collect intelligence which will assist in fulfilling the battlefield requirements of the field army; to conduct other intelligence collection missions when so directed by higher headquarters through command channels.

Assignment. Organic to military intelligence battalion, field army, TOE 30-15D, or separate company as required.

Capabilities. *a.* Conducts field operation intelligence planning concurrently with military intelligence battalion headquarters and the field army G2 section.

b. Supervises, coordinates, and controls military intelligence collection company elements which operate in the field army.

c. Provides technical support and operational guidance to all military intelligence collection company elements of the field army military intelligence battalion, including those which may be attached to corps and divisions.

d. Individuals of this unit can fight as infantrymen when required. The unit, when operating as a separate company, has the capability of defending itself and its installations against hostile ground attack.

e. This unit is dependent on other units for maintenance support.

Strength. Off 28 WO 23 EM 96 Agg 147.

Basis of allocation. *a.* One per military intelligence battalion, field army, TOE 30-15D.

b. Separate company as required.

Mobility. *a.* One hundred percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

30-21D Mil Intel Linguist Co

Mission. To perform specialized intelligence functions which require the utilization of foreign languages.

Assignment. Organic to military intelligence battalion, field army, TOE 30-15D, or separate company as required.

Capabilities. *a.* This unit is an operating element of the military intelligence battalion and is in direct intelligence support of the field army G2 section. Provides the field army assistant chief of staff, G2, with specialized assistance in the fields of prisoner of war interrogation, translation of enemy documents, and interpretation and translation of the Allied or friendly languages spoken in the area of the field army's operation.

b. Individuals of this unit can fight as infantrymen when required. The unit, when operating as a separate company, has the capability of defending itself and its installations against hostile ground attack.

c. This unit will be attached to other units for mess and motor maintenance support.

Strength. Off 21 EM 83 Agg 104.

Basis of allocation. *a.* One per military intelligence battalion, field army, TOE 30-15D.

b. Separate company as required.

Mobility. Forty percent mobile.

30-22D Mil Intel Scty Co

Mission. To perform counterintelligence functions, as set forth in AR 381-100, within the military jurisdiction of the field army.

Assignment. Organic to military intelligence battalion, field army, TOE 30-15D, or separate company as required.

Capabilities. *a.* Provides the assistant chief of staff, G2, at field army level with the operational means to accomplish his counterintelligence responsibilities.

b. Operates and controls specialized counterintelligence coverage of the field army area.

c. Individuals of this unit can fight as infantrymen when required. The unit, when operating as a separate company, has the capability of defending itself and its installations against hostile ground attack.

d. This unit is dependent on the battalion headquarters and headquarters company and/or supported units for mess and motor maintenance.

Strength. Off 23 WO 9 EM 86 Agg 118.

Basis of allocation. *a.* One per military intelligence battalion, field army, TOE 30-15D.

b. Separate company as required.

Mobility. One hundred percent mobile.

30-79C PI Co

Mission. To provide photointerpretation support to the field army.

Assignment. Organic to air reconnaissance support battalion, TOE 51-15C.

PART II

Capabilities. a. Plots, processes, and performs immediate interpretation of 5,600 9 × 18-inch (or the equivalent) aerial photos in 24 hours and prepares immediate interpretation reports on these photos.

b. Performs detailed interpretation of 2,500 of the 5,600 aerial photos and annotates selected negative or prints prior to reproduction.

c. Performs coordinated photointerpretation simultaneously from four widely separated reconnaissance airfields and from the vicinity of the supporting field army headquarters.

d. Meets only the initial (5,600 negatives) expected photo production from the supporting tactical air reconnaissance elements (approximately 27 percent of an Air Force reconnaissance wing capability). As additional reconnaissance is provided the field army, augmentation teams from TOE 30-600D or additional photointerpretation companies will be required to meet the increased workload.

e. Depends on Army sources for transport of semitrailers.

Strength. Off 21 EM 120 Agg 141.

Basis of allocation. One per air reconnaissance support battalion, TOE 51-15C. Additional companies may be provided on an augmentation basis when specifically authorized by Department of the Army or theater of operation commander.

Mobility. a. Forty percent mobile.

b. One hundred percent air-transportable in medium transport aircraft.

Remarks. For data concerning vehicles and armament, see table XVIII.

30-500D Intel Corps Svc Org

Classified; see FM 101-10, part III.

30-600D Mil Intel Org

Mission. a. To perform specialized intelligence activities in support of a theater of operations, to include research and analysis of information relating to the development of strategic intelligence, the employment of unusual skills utilizing foreign languages, and area censorship.

b. To provide command, administrative con-

trol, and operational supervision over organic and attached elements.

Assignment. a. To theater headquarters, theater army, theater army logistical command, and army group as required. Normal assignment will be a group to theater headquarters, a group to theater army headquarters, a battalion to theater army logistical command headquarters, and a battalion to army group headquarters.

b. Companies will be assigned to groups and battalions.

c. Platoons will be assigned to companies.

d. Any of these elements may be assigned or attached to a higher headquarters than specified above in lieu of the next higher military intelligence element.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and groupings of teams. Individual team capabilities are indicated in the detailed breakdown of teams.

b. These units require the addition of teams from TOE 29-500D for mess and automotive maintenance and teams from TOE 11-500P for signal support. The basis of computation of teams required will be the number of personnel to be messed, the number of vehicles, and the necessary signal support.

c. This TOE may be used to provide augmentation to those units organized under TOE 30-15D and to other field army units as required.

d. Individuals of this unit can fight as infantrymen when required. Each unit has the capability of assisting in the defense of its installations against hostile ground attack.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. Normally as indicated in the detailed breakdown of teams; a special allocation of teams may be required for other than normal situations.

Mobility. The degree of mobility must be computed for each combination of teams or composite unit.

Part 1—Headquarters and Administrative Teams

Teams AA, AC, AD, and AE

Team AA, platoon headquarters

Capabilities. Provides administrative control and operational supervision of two to seven operational teams.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One per 2 to 7 operational teams organized under TOE 30-600D, with an aggregate strength of 35 or more personnel.

Team AC, company headquarters

Capabilities. Provides administrative control and operational supervision of two to five military intelligence platoons.

Strength. Off 1 EM 6 Agg 7.

Basis of allocation. One per 2 to 5 military intelligence platoons organized under TOE 30-600D, with an aggregate strength of 70 or more personnel. One per major military headquarters above field army level as required for two to five military intelligence platoons or equivalent number of personnel.

Team AD, battalion headquarters

Capabilities. Commands two to five military intelligence companies. Provides internal security of battalion headquarters; provides limited procurement and distribution of nonstandard items of equipment and supplies for operational elements of the battalion. Provides operational coordination, guidance, and supervision of operational teams assigned or attached to the battalion headquarters for specific purposes. These teams include strategic intelligence research and analysis, photointerpretation, and technical intelligence teams when the command level of the team or other characteristics negate assignment to companies or platoons.

Strength. Off 11 WO 4 EM 24 Agg 39.

Basis of allocation. One per two to five military intelligence companies; one per major military headquarters as required for two to five military intelligence companies or equivalent number of personnel.

Team AE, group headquarters

Capabilities. Commands two to five military

intelligence battalions organized under TOE 30-600D. Provides guidance for military intelligence teams assigned or attached to group headquarters; advises the commander on planning for the employment and utilization of military intelligence specialists throughout the theater; develops and implements the internal security program for the group, provides limited logistical service and support for the organic battalions.

Strength. Off 15 WO 2 EM 31 Agg 48.

Basis of allocation. One per two to five military intelligence battalions; one per higher military headquarters as required for two to five military intelligence battalions or equivalent number of personnel.

Part 2—Operational Teams, Linguist

Teams FA to FF, GA, GB, GC, HA to HF, and IA

Team FA, interrogation

Capabilities. Interrogates prisoners of war, guerrillas, and interned enemy civilians in their native language at army group or theater army logistical command level; screens prisoners for detailed interrogation at higher levels; provides operational supervision of one team FD and four teams FF.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence platoon organized under TOE 30-600D as required; 1 per 30 prisoners, guerrillas, or interned enemy civilians (or major fractions thereof) processed during a 24-hour period or held at an interrogation center in the theater army logistical command.

Team FB, interrogation

Capabilities. Interrogates prisoners of war, guerrillas, and interned enemy civilians in their native language at theater army, army group, or theater army logistical command level; coordinates with counterintelligence personnel in screening prisoners and selected enemy civilian internees for detailed interrogation and/or investigation; provides operational supervision of 4 to 6 teams FA; 5 teams FD, 1 team FE, and 24 teams FF.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence company organized under TOE 30-600D as required; 1 per 30 prisoners, guerrillas, or interned enemy civilians (or major fraction thereof) processed during a 24-hour period or held at an interrogation center in the theater army or theater army logistical command; 1 per 4 to 6 teams FA; or 5 teams FD, 1 team FE, and 24 teams FF, when organized as a composite military intelligence unit.

Team FC, interrogation

Capabilities. Interrogates prisoners of war and interned enemy civilians in their native language at theater (joint), theater army, army group, or theater army logistical command level; provides recommendations to the supported command on the development of interrogation procedures and techniques; provides operational supervision of 15 teams FB; 7 teams FD, 1 team FE, 15 teams FC, and 15 teams FA.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence company organized under TOE 30-600D as required; 1 per 30 prisoners, interned enemy civilians (or major fraction thereof) processed during a 24-hour period or held at a joint interrogation center, theater level; 1 per 15 teams FB; or 7 teams FD, 1 team FE, 15 teams FC, and 15 teams FA when organized as a composite military intelligence unit.

Team FD, interrogation, augmentation

Capabilities. Interrogates prisoners of war and interned enemy civilians in their native language.

Strength. EM 1.

Basis of allocation. Provides additional senior interrogators for teams FA, FB, FC, or combination thereof, on the basis of one senior interrogator for each four grade E-5 interrogators authorized.

Team FE, interrogation, augmentation

Capabilities. Same as for team FD.

Strength. EM 1.

Basis of allocation. Provides additional chief interrogators for teams FA, FB, FC, or combination thereof, on the basis of 1 chief inter-

rogator for combined interrogating teams comprising 30 or more personnel.

Team FF, interrogation, augmentation

Capabilities. Same as for team FD.

Strength. EM 2.

Basis of allocation. Provides additional interrogators for teams FA, FB, FC, or combination thereof.

Team GA, interpreter

Capabilities. Interprets for commanders and their staffs while conducting official matters with Allied or neutral nationals, interprets military orders, reads foreign maps and prints, and assists in interrogation or interview of friendly or neutral civilians at army group or theater army logistical command level. Augments the intelligence staff of the supported command when not used as interpreters; assists translator teams and censorship teams organized under this TOE when directed by the supported command.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence platoon, TOE 30-600D, as required; one or more per army group or theater army logistical command headquarters as required.

Team GB, interpreter

Capabilities. Interprets for commanders and their staffs while conducting official matters with Allied or neutral nationals, interprets military orders, reads foreign maps and prints, and assists in the interrogation or interview of friendly or neutral civilians at theater army or army group level. Augments the intelligence staff of the supported command when not used as interpreters. Provides operational guidance and supervision of two or more teams GA.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence company, TOE 30-600D, as required for each two teams GA; two per theater army headquarters for each four teams GA; and one per army group headquarters for each two teams GA, when not otherwise supported by a military intelligence unit.

Team GC, interpreter

Capabilities. Provides operational guidance and supervision of six or more teams GB, when

organized as part of a military intelligence unit. Interprets for commanders and their staffs or civilians of a friendly or neutral nation. Interprets military directives and assists in the interrogation or interview of friendly or neutral civilians at theater, theater army, or combined (Allied) headquarters.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence company, TOE 30-600D, as required for each six teams GB; one or more per theater (joint), theater army, or combined (Allied) headquarters as required for each six teams GB.

Team HA, translator

Capabilities. Scans, translates, and recommends category of enemy documents; prepares typed extracts or full translation reports at army group or theater army logistical command level. Reproduces and disseminates translation reports to authorized agencies or units. Coordinates with order of battle and photointerpreter specialists as required. Provides operational supervision of teams HD, HE, HF, or combination thereof, not to exceed 50 translators when not operating as a part of a larger military intelligence unit.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence platoon, TOE 30-600D, as required; 1 or more per army group and theater army logistical command headquarters as required; 1 per combination of teams HD, HE, HF in excess of 30 but less than 50 translator personnel when not operating as a part of a larger military intelligence unit.

Team HB, translator

Capabilities. Scans, translates, and recommends category of enemy documents; prepares typed extracts or full translation reports of intelligence value. Reproduces and disseminates translation reports to authorized agencies or units. Coordinates with order of battle and photointerpreter specialists as required. Provides operational supervision of 2 or more teams HA, or any combination of teams HA, HD, HE, HF, not to exceed 100 translators when not operating as a part of a larger military intelligence unit.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence company, TOE 30-600D, as required; 1 or more per theater army headquarters as required; 1 per 2 or more teams HA, or any combination of teams HA, HD, HE, HF, when the combined total of translators is not in excess of 100 and when not operating as a part of a larger military intelligence unit.

Team HC, translator

Capabilities. Scans, translates, and analyzes foreign language documents for information of intelligence value; determines classification and category of enemy documents; establishes priority for translation of documents. Coordinates with order of battle and photointerpreter elements of supported organization on matters related to foreign maps, prints, orders, and other enemy or foreign documents. Provides operational supervision of 2 or more teams HA or HB or any combination of teams HA, HB, HD, HE, HF, or when the combined total is in excess of 100 translator personnel. Prepares special translation reports required in truce negotiations and other type conferences involving the written language of the enemy.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence company, TOE 30-600D, as required; 1 or more per theater (joint) headquarters as required; 1 per 2 or more teams HA, HB, or any combination of teams HA, HB, HD, HE, HF, when the combined total of translators is in excess of 100.

Team HD, translator, augmentation

Capabilities. Translates enemy foreign language documents; provides additional operational supervision of 4 to 10 teams HF.

Strength. EM 1.

Basis of allocation. Provides additional senior translators for teams HA, HB, HF, or combination thereof, on the basis of 1 senior translator for each 4 grade E-5 translators authorized; provides operational supervision of 4 to 10 teams HF.

Team HE, translator, augmentation

Capabilities. Scans and translates enemy documents for information of intelligence

value; provides operational supervision of combined teams HD and HF, comprising 30 translators or more when not a part of a larger military intelligence unit.

Strength. EM 1.

Basis of allocation. Provides chief translators for teams HA, HB, HF, or combination thereof, on the basis of 1 chief translator for combined translating teams comprising 30 or more personnel; provides operational supervision of combined teams comprising 30 or more personnel when not operating as a part of a larger military intelligence unit.

Team HF, translator, augmentation

Capabilities. Translates enemy documents; translates foreign language documents; prepares typed extracts or full translations of enemy documents.

Strength. EM 2.

Basis of allocation. Provides additional translators for teams HA, HB, HC, or combination thereof.

Team IA, microphone-recording

Capabilities. Installs microphones and operates recording devices in inclosures or structures; monitors conversations of prisoners of war, using technical equipment installed in inclosures or designated structures; provides interrogation technical and operational assistance to teams HA, HB, HC, or combination thereof, operating at theater and theater army level; augments interrogation team(s) operating at military intelligence group (theater level).

Strength. EM 3.

Basis of allocation. One or more per military intelligence platoon, TOE 30-600D, as required; one per team HA, HB, HC, or combination thereof, as required. One per theater and theater army headquarters as required.

Part 3—Operational Teams, Nonlinguist

Teams JA to JE, KA, LA, MA, MB, MC, NA to NG, and OA to OF

Team JA, order of battle

Capabilities. Produces and distributes order of battle information on enemy forces; maintains current files on enemy unit identification, disposition, personalities, combat efficiency, and

history; prepares order of battle portion of theater estimates and produces enemy vulnerability studies. Presents briefings at theater level on order of battle material. Provides operational supervision of 1 team JE, 30 teams JB, and 10 teams JC.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One to 3 per theater army headquarters; 1 or more per army group as required; 1 or more per combined (Allied) headquarters as required; 1 or more per theater (joint) headquarters as required; 1 per 1 team JE, 30 teams JB, and 10 teams JC.

Team JB, order of battle

Capabilities. Analyzes, compiles, researches, and develops order of battle intelligence; maintains current files containing order of battle information; prepares material for the order of battle book and order of battle handbook. Provides information to the supported command on the enemy situation at each of the field army fronts within the theater. Provides operational supervision of teams JD and JE, which include not less than 24 and not more than 90 order of battle specialists.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. Two or more per theater army logistical command headquarters; 1 or more per other major military headquarters as required; 1 per 3 teams JD or JE, which include not less than 24 and not more than 90 order of battle specialists.

Team JC, order of battle

Capabilities. Produces and distributes order of battle information on enemy forces; maintains current files containing enemy order of battle information; compiles order of battle information and advises supported command of enemy situation at each field army front. Contributes information for the order of battle portion of theater estimates on the enemy situation and capabilities; prepares special studies for theater and the Department of the Army as required. Provides operational supervision of 2 teams JB, 5 teams JD or JE, which include not less than 40 and not more than 150 order of battle specialists.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. Two to 4 per army group

headquarters; 1 or more per theater army logistical command headquarters as required; 1 or more per combined (Allied) headquarters as required; 1 or more per theater army headquarters as required; 1 per 2 teams JB, 1 per 5 teams JD or JE, which include not less than 40 and not more than 150 order of battle specialists.

Team JD, order of battle, augmentation

Capabilities. Produces and maintains accurate files on order of battle information relative to enemy forces; prepares order of battle extracts, summaries, and reports in final form. Assists in the preparation of order of battle reference files for subordinate units.

Strength. EM 1.

Basis of allocation. Provides senior order of battle specialists for teams JA, JB, JC, or any combination thereof, on the basis of one senior order of battle specialist for each eight order of battle specialists authorized.

Team JE, order of battle, augmentation

Capabilities. Produces order of battle information relative to enemy forces; assists in preparation of order of battle reference files for subordinate units.

Strength. EM 1.

Basis of allocation. Provides chief order of battle specialists for teams JA, JB, JC, or any combination thereof, on the basis of 1 chief order of battle specialist for combined order of battle teams comprising 30 or more personnel.

Team KA, editorial

Capabilities. Prepares and edits intelligence reports for operational elements of military intelligence battalion, TOE 30-600D, as required; prepares reports for the supported command; assists in coding reports for filing in storage facilities of supported command.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One to three per military intelligence battalion, TOE 30-600D; one or more per higher military intelligence command as required; one or more per major headquarters as required.

Team LA, technical intelligence

Capabilities. Provides the supported com-

mand with recommendations pertaining to production and dissemination of technical information and intelligence; coordinates and supervises technical service representatives from higher headquarters as to location, identification, evaluation, and collection of enemy technical intelligence or information. Assists in the preparation of technical intelligence plans, wanted lists, and target lists for the supported command.

Strength. Off 2 EM 2 Agg 4.

Basis of allocation. One or more per military intelligence battalion, TOE 30-600D, as required; one or more per military intelligence group, TOE 30-600D, as required; one or more per major headquarters as required.

Team MA, strategic intelligence research and analysis

Capabilities. Assembles, conducts research, and performs analysis of information in the field of strategic intelligence; reports conclusions as to capabilities and vulnerabilities of foreign nations; prepares reports and studies used by military.

Strength. Off 3 EM 4 Agg 7.

Basis of allocation. One or more per Allied headquarters as required; one or more per theater headquarters as required; one or more per theater army headquarters as required.

Team MB, strategic intelligence research and analysis.

Capabilities. Assembles, conducts research, and performs analysis of information in the field of strategic intelligence; reports conclusions as to enemy capabilities.

Strength. Off 3 EM 4 Agg 7.

Basis of allocation. One or more as required by the Department of the Army; one or more per Allied headquarters as required; one or more per theater headquarters as required; one or more per theater army headquarters as required.

Team MC, strategic intelligence research and analysis, augmentation

Capabilities. Assembles, conducts research, and performs analysis of information in the field of strategic intelligence; reports conclusions as to enemy capabilities; prepares in-

telligence reports and studies; assists in the processing of information into intelligence.

Strength. Off 3 EM 4 Agg 7.

Basis of allocation. Provides additional research and analysis personnel for teams MA and MB; one or more per army group headquarters as required; one or more per theater army logistical command headquarters as required; one or more per Allied headquarters, or similar command level, as required.

Team NA, Armed Forces censorship (Army)

Capabilities. Provides administrative control and operational supervision of two to four teams NB, NC, or combination thereof.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per two to four teams NB, NC, or combination thereof.

Team NB, Armed Forces censorship (Army)

Capabilities. Provides Armed Forces censorship (Army), civil censorship, and prisoner of war censorship for 3,000 individuals or less.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One or more per military intelligence platoon, TOE 30-600D, as required; 1 per remote area having 3,000 individuals or less not capable of being served effectively by a larger censorship organization.

Team NC, Armed Forces censorship (Army)

Capabilities. Provides Armed Forces censorship (Army), civil censorship, and prisoner of war censorship for 25,000 individuals or less.

Strength. Off 3 EM 6 Agg 9.

Basis of allocation. One or more per military intelligence platoon, TOE 30-600D, as required; 1 per 25,000 individuals, or major fraction thereof.

Team ND, Armed Forces censorship (Army)

Capabilities. Provides administrative control and operational supervision of two teams NG when not operating as a part of a military intelligence company, and of two to three platoons when operating as a military intelligence company.

Strength. Off 4 EM 5 Agg 9.

Basis of allocation. One per 2 teams NG; 1 or more per military intelligence company, TOE 30-600D, as required; 1 or more per area or

command having 200,000 to 500,000 individuals as required.

Team NE, Armed Forces censorship (Army)

Capabilities. Performs Armed Forces censorship (Army) duties for sensitive or critical military operations; provides internal censorship for a major military headquarters.

Strength. Off 10 EM 8 Agg 18.

Basis of allocation. One or more per theater army as required; one or more per Allied headquarters as required; one or more per major headquarters as required.

Team NF, Armed Forces censorship (Army)

Capabilities. Provides internal censorship for theater (joint) headquarters or comparable major military headquarters; provides Chief, Armed Forces Censor, when an Army officer is appointed theater censor by the theater commander; provides Chief, Army Area Censor, when appointed by the senior Army commander. Provides administrative control and operational supervision over two teams NE.

Strength. Off 18 EM 21 Agg 39.

Basis of allocation. One or more per theater headquarters as required; one or more per major Allied headquarters as required; one per two teams NE.

Team NG, Armed Forces censorship (Army)

Capabilities. Provides Armed Forces censorship (Army), civil censorship, and prisoner of war censorship for 100,000 individuals of friendly, neutral, or Allied nations, to include parcel post, telecommunications, and traveler control.

Strength. Off 5 EM Agg 42.

Basis of allocation. One or more per military intelligence company TOE 30-600D, as required; 1 per 100,000 individuals, or major fraction thereof.

Team OA, photo library

Capabilities. Responsible for the procurement, custody, accounting and internal dissemination of source material, to include photographic maps, charts, photointerpretation keys, and related reports; operates a central index file of prints and operational requirements; maintains a photographic print library.

Strength. EM 4.

Basis of allocation. One or more per army group or higher headquarters as required.

Team OB, photointerpretation

Capabilities. Coordinates with G2 air on aerial photo coverage; assists in the compilation of material used in the development and maintenance of informal photointerpretation keys; provides supervision of three teams CF, three teams OA, one team OD, and five teams OE.

Strength. Off 2 EM 2 Agg 4.

Basis of allocation. One or more per theater army as required; one or more per army group as required; one or more per major headquarters as required; one per three teams OF, three teams OA, one team OD, and five teams OE.

Team OC, photointerpretation

Capabilities. Provides direction, supervision, and coordination of photointerpretation teams in theater army and army group(s); establishes, directs, and coordinates theater army and army group(s) photointerpretation training; directs and supervises theater army and army group(s) photointerpretation teams in the production of strategic and tactical intelligence from photographs and images; prepares and implements the intelligence portion of theater army and army group(s) target plans and special target programs; assists in determination of requirements for tactical air reconnaissance to support operations of the command; and provides technical advice to the theater commander and staff on photo or imagery interpretation.

Strength. Off 2 EM 2 Agg 4.

Basis of allocation. One or more per theater army as required; one or more per army group as required; one or more per major headquarters as required.

Team OD, photointerpretation editing

Capabilities. Edits draft reports received from team OC or other teams organized under this TOE; prepares and compiles graphics and illustrations; assembles final-type reports for transmission to requesting agencies.

Strength. Off 2 EM 3 Agg 5.

Basis of allocation. One or more per theater army as required; one or more per army group as required; one or more per major headquarters as required.

Team OE, photointerpretation

Capabilities. Plots, interprets, and prepares reports on air and ground photography, coordinates with G2 air on aerial photo coverage; compiles material used in the development and maintenance of informal photointerpretation keys.

Strength. Off 7 EM 9 Agg 16.

Basis of allocation. One or more per theater army as required; one or more per army group as required; one or more per major headquarters as required.

Team OF, photointerpretation, augmentation

Capabilities. Interprets aerial and ground photography.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. Provides additional photointerpreters for teams OB, OC, OD, or any combination thereof.

Section V. US ARMY SECURITY AGENCY

Advance plans for proposed US Army Security Agency TOE units have been approved by the Department of the Army. *TOE for all US Army Security Agency units are classified.* Pending final approval and publication of proposed US Army Security Agency TOE by the Department of the Army, the following *unclassified* data are included for planning purposes only:

AGO 2652A

32-52P (Proposed) HQ & HQ Co, USASA Gp

Strength. Agg 257.

Basis of allocation. One per US Army Security Agency group.

32-56P (Proposed) HQ & HQ Co, USASA Bn

Strength. Agg 191.

Basis of allocation. One per US Army Security Agency battalion.

32-57P (Proposed) USASA Div Spt Co

Strength. Agg 196.

Basis of allocation. Four per US Army Security Agency battalion.

32-67D USASA Op Co (A)

Strength. Agg 339.

Basis of allocation. Two per US Army Security Agency group.

32-68P (Proposed) USASA Op Co (B)

Strength. Agg 289.

Basis of allocation. Two per US Army Security Agency group.

32-69P (Proposed) USASA Op Co (C)

Strength. Agg 153.

Basis of allocation. One per US Army Security Agency battalion.

32-77P (Proposed) USASA Co (Proc)

Strength. Agg 239.

Basis of allocation. One per US Army Security Agency group.

32-78P (Proposed) USASA Co (Scty)

Strength. Agg 134.

Basis of allocation. One per US Army Security Agency group.

Note. Normally one US Army Security Agency group is placed in general support of a field army; one US Army Security Agency battalion provides direct support to each corps; and one division support company is placed in direct support of each division of the corps. For classified data concerning US Army Security Agency units, see FM 101-10, part III.

Section VI. PSYCHOLOGICAL WARFARE AND SPECIAL FORCES

33-56D HQ & HQ Co, PSYWAR Bcst and Leaflet Bn

Mission. To conduct psychological warfare operations in a theater of operations.

Assignment. To oversee command or theater of operations.

Capabilities. a. Provides command, control, staff planning, and supervision of operations of assigned or attached elements.

b. Provides personnel and equipment to write, direct, and produce radio programs for psychological warfare.

c. Provides original copy for reproduction and other requirements in psychological warfare.

d. This unit is dependent on teams RB from signal specialized organization, TOE 11-500P, for the provision of mobile radio (AN/GRC-26) station support.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of assisting in the defense of itself and its installations against hostile ground attack.

Strength. Off 23 WO 2 EM 129 Agg 154.

Basis of allocation. One or more per field army as required.

Mobility. Ten percent mobile.

33-57D PSYWAR Repro Det

Mission. To reproduce leaflets and other printed matter in support of psychological warfare in a theater of operations.

Assignment. Assigned or attached to headquarters and headquarters company, psychological warfare broadcasting and leaflet battalion, TOE 33-56D.

Capabilities. a. Reproduces approximately 60,000,000 leaflets per month in 2 colors.

b. Reproduces other printed matter, in different sizes, by reducing the number of leaflets printed per month.

c. Prepares reproduced material for shipment to the disseminating agency.

d. Provides necessary plates for use in organic presses.

e. Individuals of this unit can fight as infantrymen when required. The unit has the capability of assisting in the defense of itself and its installations against hostile ground attack.

Strength. Off 4 EM 55 Agg 59.

Basis of allocation. One or more per headquarters and headquarters company, psychological warfare broadcasting and leaflet battalion, TOE 33-56D, as required.

Mobility. Five percent mobile.

33-77D PSYWAR Loudspeaker and Leaflet Co

Mission. To conduct psychological warfare in support of a field army.

Assignment. To a field army.

Capabilities. a. Conducts tactical propaganda against the enemy by use of leaflets, loudspeakers, and other appropriate media.

b. Provides mobile loudspeakers for support of field army propaganda operations.

c. Provides reproduction facilities to produce 1,000,000 5 x 8-inch leaflets per day.

d. Provides personnel to prepare and assemble propaganda messages and material.

e. Necessary still-photographic support for the preparation of basis plates will be provided by an appropriate Signal Corps team from TOE 11-500P.

f. Individuals of this unit can fight as infantrymen when required. The unit has the capability of assisting in the defense of itself and its installations against hostile ground attack.

Strength. Off 10 EM 87 Agg 97.

Basis of allocation. One per field army.

Mobility. Ninty percent mobile.

33-105D Abn SF Gp

Mission. a. To establish a special forces operational base.

b. To infiltrate by air, sea, or land into denied areas and organize the indigenous guerrilla potential on a military basis for the conduct of guerrilla warfare.

c. To perform such other special forces missions as may be directed or as may be inherent in or essential to the primary mission of guerrilla warfare.

Assignment. To oversea command or theater army as required.

Capabilities. a. Establishes a special forces operational base.

b. Commands and controls deployed special forces elements by long-range communications.

c. Initially supplies and resupplies deployed special forces elements.

d. Organizes the indigenous guerrilla poten-

tial in denied areas on a military basis for the conduct of guerrilla warfare.

e. Performs such other special forces missions as may be directed or as may be inherent in or essential to the primary mission of guerrilla warfare.

f. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 232 WO 4 EM 1,026 Agg 1,262.

Basis of allocation. Three per special forces organization, or as required.

Mobility. See components below.

33-106D HQ & HQ Co, Abn SF Gp

Mission. a. To establish a special forces operational base.

b. To command and control special forces elements by long-range communications.

c. To supply and resupply initially deployed special forces elements.

d. To provide administration, training, intelligence, and logistical support for assigned special forces elements prior to deployment.

Assignment. Organic to airborne special forces group, TOE 33-105D.

Capabilities. a. Provides command, staff planning, control, and planning for special forces elements prior to and after deployment.

b. Provides logistical support (except delivery) to special forces operational elements on a continuing basis, beginning with the infiltration phase.

c. Provides long-range communications between a special forces operational base and assigned special forces operational elements.

d. Provides unit-level medical and dental service.

e. Provides third-echelon maintenance in radio and small arms.

f. When augmented by operational detachment (Off 6 EM 18), this unit provides a subordinate base headquarters.

g. This unit will require the addition of teams from TOE 10-500R to support quarter-

master supply and rigging operations above those which are established for a normal guerrilla buildup phase.

h. Addition of teams from TOE 55-500R will be required to provide necessary truck transportation during certain operational phases.

i. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 32 WO 4 EM 226 Agg 262.

Basis of allocation. One per airborne special forces group, TOE 33-105D.

Mobility. Thirty percent mobile.

33-107D SF Co, Abn SF Gp

Mission. a. To infiltrate by air, sea, or land into denied areas and organize the indigenous guerrilla potential on a military basis for the conduct of guerrilla warfare.

b. To perform such other special forces missions as may be directed or as may be inherent in or essential to the primary mission of guerrilla warfare.

Assignment. Organic to airborne special forces group, TOE 33-105D.

Capabilities. a. Operational detachment C provides for command of subordinate operational detachments and conducts guerrilla warfare operations as required. Directs operations of three operational detachments B.

b. Operational detachment B provides command of subordinate operational detachments and conducts guerrilla warfare operations as required. Directs operations of four operational detachments A.

c. Operational detachment A conducts guerrilla warfare operations as required.

d. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 50 EM 200 Agg 250.

Basis of allocation. Four per airborne special forces group, TOE 33-105D.

Mobility. Mobility of this unit is dependent on the capture or confiscation of vehicles within a denied area (no organic vehicles authorized).

33-500D PSYWAR Rad Bcst Org

Mission. To conduct psychological warfare in support of a theater of operations, using radio broadcasting facilities.

Assignment. Assigned or attached to headquarters and headquarters company, psychological warfare broadcasting and leaflet battalion, TOE 33-56D.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and grouping of the teams. Individual team capabilities are indicated in the detailed breakdown of teams.

b. Appropriate administrative functions not herein provided are the responsibility of the commander to whose unit the psychological warfare radio broadcasting teams are assigned or attached. Units organized under this TOE will require the addition of teams from TOE 29-500D for mess and automotive maintenance support.

c. Individuals of the units organized under this TOE can fight as infantrymen when required. Each unit organized under this TOE has the capability of assisting in the defense of its installations against hostile ground attack.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. One or more per headquarters and headquarters company, psychological warfare broadcasting and leaflet battalion, TOE 33-56D, as required.

Mobility. The degree of mobility must be computed for each composite unit to be used.

Part 1—Administrative Headquarters Team

Team AC, company headquarters

Capabilities. Provides administrative and operational control of 6 to 15 operational teams.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per 6 to 15 operational teams comprising not less than 35 individuals.

Part 2—Operational Teams

Teams FA, FB, GA, GB, HA, HB, and HC

Team FA, radio broadcasting station operations

Capabilities. a. Supervises the operation of a mobile radio broadcasting station, using military personnel and mobile radio broadcasting equipment.

b. Supervises the operation of a fixed radio broadcasting station, using indigenous personnel and equipment.

c. Supervises the operation of a fixed radio broadcasting station, using military or indigenous personnel and equipment, when augmented by team FB.

Strength. Off 1 EM 7 Agg 8.

Basis of allocation. Four per headquarters and headquarters company, psychological warfare broadcasting and leaflet battalion, TOE 33-56D, as required.

Team FB, radio broadcasting station operations, fixed station, augmentation

Capabilities. Supervises the operation of a fixed radio broadcasting station, using military or indigenous personnel and military equipment.

Strength. EM 4.

Basis of allocation. One per four teams FA as required.

Team GA, program operations

Capabilities. a. Provides for the operation of a mobile radio broadcasting station.

b. Provides for the operation of military program operations for a fixed radio broadcasting station, when augmented by team GB or indigenous personnel.

Strength. Off 1 EM 6 Agg 7.

Basis of allocation. Normally one per two teams FA.

Team GB, program operations, fixed station, augmentation

Capabilities. Provides necessary augmentation personnel for military program operations of a fixed radio broadcasting station.

Strength. Off 1 EM 5 Agg 6.

Basis of allocation. One per two teams GA as required.

Team HA, technical operations

Capabilities. a. Provides military technical operation support for a fixed radio broadcasting station, when augmented by team HC or indigenous personnel.

b. Provides military technical operation support for a mobile radio broadcasting station, when augmented by team HB.

Strength. Off 2 EM 7 Agg 9.

Basis of allocation. Normally one per two teams FA.

Team HB, technical operations, mobile station, augmentation

Capabilities. Provides military technical operation support for a mobile radio broadcasting station.

Strength. EM 4.

Basis of allocation. One per two teams HA as required.

Team HC, technical operations, fixed station, augmentation

Capabilities. Provides military technical operation support for a fixed radio broadcasting station, using military or indigenous personnel.

Strength. Off 1 EM 7 Agg 8.

Basis of allocation. One per two teams HA as required.

33-600D PSYWAR Consol Org

Mission. To conduct psychological warfare in support of civil affairs functions in a liberated or an occupied area.

Assignment. Assigned or attached to headquarters and headquarters company, psychological warfare broadcasting and leaflet battalion, TOE 33-56D. Operational control of operational teams will be exercised by civil affairs.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and grouping of the teams. Individual team capa-

PART II

bilities are indicated in the detailed breakdown of teams.

b. Appropriate administrative functions not herein provided are the responsibility of the commander to whose unit the psychological warfare consolidation organization is assigned or attached. Units organized under this TOE will require the addition of teams from TOE 29-500D for mess and automotive maintenance support.

c. Individuals of units organized under this TOE can fight as infantrymen when required. Each unit organized under this TOE has the capability of assisting in the defense of its installations against hostile ground attack.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. One or more per headquarters and headquarters company, psychological warfare broadcasting and leaflet battalion, TOE 33-56D, as required.

Mobility. The degree of mobility must be computed for each composite unit to be used.

Part 1—Administrative Service Teams

Teams AA, AB, and AC

Team AA, platoon headquarters

Capabilities. Provides administrative and operational control of 8 to 20 operational teams.

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per 8 to 20 operational teams, comprising not less than 40 individuals, operating as a component of a larger administrative element.

Team AB, platoon headquarters, augmentation

Capabilities. Provides administrative augmentation for team AA.

Strength. EM 2.

Basis of allocation. One per team AA when operating separately.

Team AC, company headquarters

Capabilities. Provides administrative and operational control of three to eight teams AA.

Strength. Off 1 EM 6 Agg 7.

Basis of allocation. One per three to eight teams AA.

Part 2—Operational Teams

Teams FA, FB, GA, GB, HA, IA, KA, LA, LB, MA, and MB

Team FA, motion picture

Capabilities. Provides for the operation of a motion-picture installation and for the operational supervision of motion-picture installations operated by indigenous personnel.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. Three per team AA as required.

Team FB, motion picture, augmentation

Capabilities. Provides operational augmentation for team FA.

Strength. EM 1.

Basis of allocation. As required for teams FA and HA when sufficient indigenous projectionists are not available.

Team GA, news and press

Capabilities. Provides for the operational control of newspaper plants in a specified geographical area.

Strength. Off 3 EM 2 Agg 5.

Basis of allocation. As required, commensurate with the scope of newspaper plant operations in a specified geographical area.

Team GB, news and press, augmentation

Capabilities. Provides newspaper editorial augmentation for team GA.

Strength. Off 2.

Basis of allocation. As required to support team GA when the number of operational newspaper plants exceeds the capabilities of team GA.

Team HA, mobile sound and film

Capabilities. Provides for the operation of a mobile sound and film truck.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. Three per team AB as required.

Team IA, radio

Capabilities. Provides for the operational control of fixed radio broadcasting stations.

Strength. Off 4 EM 4 Agg 8.

Basis of allocation. One per team AB as required.

Team KA, publications

Capabilities. Provides for the operational control of publication facilities, except newspapers.

Strength. Off 3 EM 2 Agg 5.

Basis of allocation. One per team AC as required.

Team LA, distribution

Capabilities. Provides operational control of distribution of newspapers, periodicals, and other printed media.

Strength. Off 1 EM 3 Agg 4.

Basis of allocation. One per team AC as required.

Team LB, distribution, augmentation

Capabilities. Provides operational augmentation for team LA.

Strength. EM 2.

Basis of allocation. As required, commensurate with operational scope of team LA.

Team MA, display

Capabilities. Provides the operational control of pictorial displays.

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. As required, commensurate with the operational scope in a specified geographical area.

Team MB, display, augmentation

Capabilities. Provides operational augmentation for team MA.

Strength. EM 1.

Basis of allocation. As required, commensurate with operational scope of team MA.

Section VII. CIVIL AFFAIRS

41-500D CA Org

Mission. To perform civil affairs functions in support of combat and postcombat phases of military operations.

Assignment. Assigned or attached within a theater of operations as required.

Capabilities. a. The capabilities of units organized under this TOE vary with the size and grouping of the teams. Individual team capabilities are shown in the detailed breakdown of teams.

b. Units organized under this TOE will require the addition of teams from TOE 29-500D for mess and automotive organizational maintenance, and signal support from TOE 11-500P. Appropriate teams from other TOE of the 500-series may be added as required to units organized under this TOE for the purpose of providing minimum essential services to civilian populations.

c. Individuals of the units organized under this TOE, except chaplain and members of public health teams, can fight as infantrymen when required. Each unit has the capability of assisting in the defense of its installation against hostile ground attack.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. The allocation of units organized under this TOE will vary with requirements for employment of civil affairs units to provide combat and postcombat support within a theater of operations.

Mobility. The degree of mobility must be computed for each composite unit to be used.

Part I—Administrative Headquarters Teams Teams AA, AB, and AC

Team AA, platoon headquarters. Performs civil affairs functions in support of a division or similar command; administers a small city or political subdivision equivalent to a county; or, together with appropriate functional and/or service teams, operates camps for displaced persons and/or refugees.

Strength. Off 2 EM 4 Agg 6.

Team AB, company headquarters. With required functional and/or service teams, this team is a self-supporting operational unit. Performs civil affairs functions in support of a corps or similar command; administers and/or

performs civil affairs functions in a large city, province, or a comparable political subdivision; or exercises command and operational supervision over 1 to 15 civil affairs platoons.

Strength. Off 5 WO 1 EM 18 Agg 24.

Team AC, group headquarters and headquarters detachment. With required functional supply, food service, and/or other service teams, this team is a self-supporting operational unit. Performs civil affairs functions in support of a field army or similar command; administers and/or performs civil affairs functions in a large city, province, or a comparable political subdivision, such as a small country; or exercises command and operational supervision over 1 to 10 civil affairs companies.

Strength. Off 11 WO 4 EM 26 Agg 41.

Part 2—Supply Teams

Teams BA to BF

Teams BA, BB, and BC, civilian supply. Supervise the administration and distribution of food and supplies made available by the Armed Forces or other agencies to prevent disease and unrest among the civilian population within the assigned area. Normally augment the unit supply section under the direction of the S4 or supply officer.

Strength. Team BA: Off 1 EM 2 Agg 3.

Team BB: Off 1 EM 3 Agg 4.

Team BC: Off 2 EM 4 Agg 6.

Teams BD, BE, and BF, supply transport. Transport food and supplies made available by the Armed Forces or other agencies to prevent disease and unrest among the civilian population within the assigned area. Augment the unit supply section under the direction of the S4 or supply officer.

Strength. Team BD: EM 2.

Team BE: EM 4.

Team BF: EM 6.

Part 3—Food Service Team

Team CA, food service. Supervises mess operations of assigned and/or attached units.

Strength. WO 1 EM 2 Agg 3.

Part 4—Functional Teams

Teams FA, FB, FC, and FD, language. Provide interpreters and translators for civil af-

fairs group, company, platoon, or functional team operations.

Strength. Team FA: EM 2.

Team FB: EM 3.

Team FC: Off 1 EM 6 Agg 7.

Team FD: Off 2 EM 8 Agg 10.

Teams GA, GB, and GC, economics. Supervise activities pertaining to the civilian economic structure in the assigned area.

Strength. Team GA: Off 1 EM 3 Agg 4.

Team GB: Off 2 EM 3 Agg 5.

Team GC: Off 3 EM 5 Agg 8.

Teams HA, HB, and HC, commerce and industry. Supervise activities pertaining to commerce and industry within the assigned area.

Strength. Team HA: Off 1 EM 2 Agg 3.

Team HB: Off 2 EM 4 Agg 6.

Team HC: Off 3 EM 6 Agg 9.

Teams IA, IB, and IC, food and agriculture. Supervise the production, processing, storage, and distribution of food and agricultural products within the assigned area.

Strength. Team IA: Off 1 EM 2 Agg 3.

Team IB: Off 2 EM 4 Agg 6.

Team IC: Off 3 EM 4 Agg 7.

Teams JA and JB, price control and rationing. Supervise the rationing and control of prices of commodities in critical supply that are essential for use by the civilian population within the assigned area.

Strength. Team JA: Off 1 EM 3 Agg 4.

Team JB: Off 2 EM 5 Agg 7.

Teams KA, KB, and KC, property control. Supervise the orderly control and administration of such categories of property within the assigned area as may be designated by pertinent directives.

Strength. Team KA: Off 1 EM 2 Agg 3.

Team KB: Off 2 EM 3 Agg 5.

Team KC: Off 3 EM 5 Agg 8.

Teams LA, LB, and LC, public finance. Supervise handling of public funds and all other civilian financial operations within the assigned area.

Strength. Team LA: Off 1 EM 2 Agg 3.

Team LB: Off 2 EM 2 Agg 4.

Team LC: Off 3 EM 6 Agg 9.

Teams MA, MB, MC, and MD, public safety. Supervise law and order and other public safety functions within the assigned area.

Strength. Team MA: Off 1 EM 2 Agg 3.
Team MB: Off 2 EM 3 Agg 5.
Team MC: Off 3 EM 5 Agg 8.
Team MD: Off 4 EM 7 Agg 11.

Teams NA, NB, NC, and ND, public health. Supervise civilian health and sanitation activities within the assigned area.

Strength. Team NA: Off 1 EM 2 Agg 3.
Team NB: Off 2 EM 2 Agg 4.
Team NC: Off 3 EM 3 Agg 6.
Team ND: Off 5 EM 6 Agg 11.

Teams OA, OB, and OC, public welfare. Supervise public welfare agencies and activities within the assigned area.

Strength. Team OA: Off 1 EM 2 Agg 3.
Team OB: Off 2 EM 3 Agg 5.
Team OC: Off 3, EM 5 Agg 8.

Teams PA, PB, PC, and PD, legal. Supervise civilian courts and the administration of the civilian legal system.

Strength. Team PA: Off 1 EM 3 Agg 4.
Team PB: Off 2 EM 4 Agg 6.
Team PC: Off 3 EM 4 Agg 7.
Team PD: Off 4 EM 5 Agg 9.

Teams QA, QB, and QC, public education. Supervise all public and private schools within the assigned area.

Strength. Team QA: Off 1 EM 1 Agg 2.
Team QB: Off 2 EM 3 Agg 5.
Team QC: Off 3 EM 5 Agg 8.

Teams RA, RB, and RC, labor. Procure labor to assist the Armed Forces and for rehabilitation and reconstruction within the assigned area; supervise utilization of labor, labor management, and manpower agencies.

Strength. Team RA: Off 1 EM 1 Agg 2.
Team RB: Off 2 EM 3 Agg 5.
Team RC: Off 3 EM 6 Agg 9.

Teams SA, SB, and SC, public works and utilities. Supervise the establishment, administration,

and operation of public works and utilities within the assigned area.

Strength. Team SA: Off 1 EM 2 Agg 3.
Team SB: Off 2 EM 4 Agg 6.
Team SC: Off 3 EM 6 Agg 9.

Teams TA, TB, and TC, public communications. Supervise public communication facilities within the assigned area.

Strength. Team TA: Off 1 EM 2 Agg 3.
Team TB: Off 2 EM 4 Agg 6.
Team TC: Off 3 EM 6 Agg 9.

Teams UA, UB, and UC, public transportation. Supervise public transportation facilities within the assigned area.

Strength. Team UA: Off 1 EM 1 Agg 2.
Team UB: Off 2 EM 4 Agg 6.
Team UC: Off 3 EM 6 Agg 9.

Teams VA, VB, and VC, displaced persons. Supervise the processing and administration of displaced persons and/or refugees and the operation of displaced person and/or refugee camps within the assigned area.

Strength. Team VA: Off 1 EM 2 Agg 3.
Team VB: Off 2 EM 4 Agg 6.
Team VC: Off 3 EM 5 Agg 8.

Teams WA, WB, WC, and WD, civil information. Supervise dissemination of all types of public information and control of civilian information agencies within the assigned area.

Strength. Team WA: Off 1 EM 3 Agg 4.
Team WB: Off 2 EM 3 Agg 5.
Team WC: Off 3 EM 5 Agg 8.
Team WD: Off 4 EM 7 Agg 11.

Teams XA, XB, and XC, arts, monuments, and archives. Supervise the identification, recording, and safeguarding of meritorious works of art, monuments, and archives within the assigned area.

Strength. Team XA: Off 1 EM 2 Agg 3.
Team XB: Off 2 EM 3 Agg 5.
Team XC: Off 3 EM 5 Agg 8.

Team YA, chaplain. Supervises the administrative coordination of religious affairs.

Strength. Off 2 EM 2 Agg 4.

Section VIII. PUBLIC INFORMATION AND CENSORSHIP

45-500D Pub Info Fld Svc Org

Mission. To provide press camp facilities for accredited correspondents and to provide appropriate teams to perform public information functions in theaters of operation or, in times of emergency, within the continental United States, its territories, or possessions.

Assignment. a. In theaters of operation, appropriate teams will be attached or assigned as required.

b. In time of emergency within the continental United States, its territories, or possessions, appropriate teams will be attached to the organization involved upon approval of Headquarters, Department of the Army.

c. When attached or assigned to an organization provided with a public information staff section, operational control of the teams will be exercised by the public information officer. When attached or assigned to an organization without an organic public information staff section, the team(s) will constitute such a staff section.

Capabilities. a. The capabilities of headquarters teams organized under this TOE vary with the size and grouping of the teams. They exercise control of a press camp for support of accredited correspondents.

b. Operations teams supplement organic personnel in the public information function or perform this function for organizations not provided with organic personnel.

c. Headquarters teams organized under this TOE will require the following support:

- (1) Transportation support from TOE 55-500R on a basis of one truck, utility, 1/4-ton, per three correspondents.
- (2) Mess teams and automotive maintenance teams from TOE 29-500D. Basis for computation of teams required will be the number of personnel to be messed and the number of vehicle equivalents requiring organizational maintenance.
- (3) Signal support from TOE 11-500P, when required support is not available from local signal support units, or civilian communication sources, to es-

tablish communications and provide photographers and photographic facilities in accordance with provisions of AR 105-15 and SR 105-15-5.

d. Individuals reflected in this TOE can fight as infantrymen when required.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. As indicated in detailed breakdown of teams.

Mobility. The degree of mobility must be computed for each specific combination of cellular teams and/or composite units to be used.

Part 1—Headquarters Teams

Teams AA, AB, and AC

Team AA, press camp headquarters

Strength. Off 2 EM 5 Agg 7.

Basis of allocation. One per field army, independent corps, or other organization with up to 50 correspondents attached.

Team AB, press camp headquarters

Strength. Off 2 EM 7 Agg 9.

Basis of allocation. One per army group, separate area command, theater, or organization with 50 to 125 correspondents attached.

Team AC, headquarters, augmentation

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. Augmentation to team AB, 1 per increment of 50 correspondents in excess of 125.

Part 2—Operations Teams

Teams BA to BF

Team BA, public information

Strength. Off 1 EM 1 Agg 2.

Basis of allocation. One per separate battle group/regiment.

Team BB, public information

Strength. Off 1 EM 2 Agg 3.

Basis of allocation. One per logistical command, general depot, brigade.

Team BC, public information

Strength. Off 3 EM 8 Agg 11.

Basis of allocation. One per independent corps or separate area command.

Team BD, combat correspondent

Strength. EM 1.

Basis of allocation. a. As required to collect and disseminate news material concerning combat activities.

b. Augmentation to teams BA and BB as required when no civilian correspondents accompany the unit.

Team BE, public information, augmentation

Strength. EM 5.

Basis of allocation. Augmentation to division public information section as required.

Team BF, public information, augmentation

Strength. EM 3.

Basis of allocation. Augmentation to field army, corps, or division public information section as required.

45-510D Fld Press Cens Org

Mission. To discharge US Army responsibilities for field press censorship in a given area.

Assignment. To a theater of operations, separate area command, or other command which reports directly to the Joint Chiefs of Staff or to the Department of the Army and will normally be under the operational control of the chief of information of such command.

Capabilities. a. Headquarters teams of this TOE exercise control of and supplement the activities of operations teams.

b. Operations teams are capable of providing field press censorship control over the news material (press traffic) produced by accredited

public information media representatives (hereinafter referred to as correspondents), and also over the news material produced by the public information, psychological warfare, and other information-releasing agencies normally contained in a theater of operations.

c. Teams will be dependent on the unit to which attached or assigned for administration, mess, supply, and other service functions not herein provided. Automotive maintenance teams and mess teams, if separate mess facilities are to be provided, will be drawn from TOE 29-500D. Basis for computation of teams required will be the number of personnel to be messes and the number of vehicle equivalents requiring organizational maintenance.

d. Individuals of this unit can fight as infantrymen when required.

Strength. As indicated in detailed breakdown of teams.

Basis of allocation. Field press censorship detachments will be allocated on the basis of one per theater or separate command and will be composed of the following:

a. One headquarters team, whenever correspondents are accredited to the theater or separate command, on the following basis:

Team AA, for 250 correspondents, or major fraction thereof. *Strength.* Off 9 EM 10 Agg 19.

Team AB, for over 250 correspondents.

Strength. Off 14 WO 1 EM 18 Agg 33.

b. One or more operations teams on the following basis:

Team BA, for each 75 correspondents, or major fraction thereof. *Strength.* Off 12 WO 1 EM 4 Agg 17.

Mobility. Fixed.

Section IX. FIELD ARMY, CORPS, AND LOGISTICAL COMMAND HEADQUARTERS

51-1C HQ, Army

Mission. To command all assigned and attached units.

Assignment. To theater or army group.

Capabilities. Provides command, staff plan-

ning, control, administration, and supervision of operations of the field army and control of all elements forward of the field army rear boundary.

Strength. Off 385 ANC 1 WO 48 EM 637 Agg 1,071.

(Augmentation not included above, armor section (Off 6 WO 1 EM 7) and civil affairs section (Off 8 EM 12).)

Basis of allocation. One per field army.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

51-2C HQ Co, Army

Mission. To provide administration and service support for headquarters, army.

Assignment. To field army.

Capabilities. Provides administration, mess, organizational maintenance, and supply for headquarters, army; headquarters company, army; and headquarters, special troops, army.

Strength. Off 11 WO 3 EM 125 Agg 139.

Basis of allocation. One per field army.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

51-3C HQ, Sp Trp, Army

Mission. To command all units assigned or attached to special troops, army.

Assignment. To field army.

Capabilities. Commands headquarters company, army, and other headquarters troops not assigned or attached to subordinate commands.

Strength. Off 6 WO 1 EM 11 Agg 18.

Basis of allocation. One per field army.

Mobility. a. Fixed.

b. One hundred percent air-transportable in medium transport aircraft.

52-1D HQ, Corps or Abn Corps

Mission. a. To command all assigned corps troops.

b. To command all assigned and attached elements when operating independently.

Assignment. To field army.

Capabilities. a. Provides command, staff planning, control, and supervision of operations of the corps. Provides administration of assigned corps troops when operating indepen-

dently; administration of all corps elements, attached or assigned.

b. Lands by parachute or aircraft when organized as an airborne corps.

c. Augmentation of certain special staff sections (Off 47 ANC 1 WO 4 EM 73) is provided to allow functional expansion under extended operational conditions.

d. This unit is dependent on TOE 52-2D for mess, supply, and organizational maintenance.

e. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The units has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 99 WO 11 EM 143 Agg 253.

Basis of allocation. One per corps or airborne corps.

Mobility. Fixed.

Remarks. For additional data pertaining to corps, see FM 101-10, part I, chapter 1.

52-2D HQ Co, Corps or Abn Corps

Mission. To provide service support for headquarters, corps.

Assignment. To corps or airborne corps.

Capabilities. a. Provides mess, organizational maintenance, and supply for corps headquarters.

b. Lands by parachute or aircraft when organic to airborne corps.

c. The medical detachment provides medical service, to include emergency medical treatment, operation of corps aid station, evacuation of casualties; and supervision of sanitation.

d. When augmented (EM 3), this unit provides mess and supply facilities for an expanded special staff at corps headquarters.

e. Individuals of this unit, except medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 10 WO 3 EM 62 Agg 75.

Basis of allocation. One per corps or airborne corps, TOE 52-1D.

Mobility. One hundred percent mobile.

54-2D HHD, LOGCOMD A

Mission. To command an integrated organization with a total strength of from 9,000 to 15,000 men.

Assignment. Normally to theater army or oversea command.

Capabilities. a. Provides the organizational structure and a nucleus of a minimum number of trained logisticians and administrative personnel to provide the headquarters, logistical command, for—

- (1) A base logistical command.
- (2) An advance logistical command.
- (3) A logistical command in support of a major independent force of one reinforced division.
- (4) Administration and rehabilitation of an area in which civil means are inadequate because of natural disaster or enemy action.

b. When augmentation of director of civil affairs (Off 1 EM 1), comptroller (Off 1 EM 5), and dental section (Off 1 EM 2) is authorized, staff supervision is provided for civil affairs, comptroller activities, and dental activities, respectively.

c. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself and its installations against hostile ground attack.

Strength. Off 59 WO 5 EM 128 Agg 192.

Basis of allocation. As required; normally one for the support of a force of approximately 30,000 troops.

Mobility. Fixed.

54-102D HHD, LOGCOMD B

Mission. To command an integrated organization with a total strength of from 35,000 to 60,000 men.

Assignment. Normally to theater army or oversea command.

Capabilities. a. Provides the organizational structure and a nucleus of a minimum number of trained logisticians and administrative per-

sonnel to provide the headquarters, logistical command, for—

- (1) A base logistical command.
- (2) An advance logistical command.
- (3) A logistical command in support of a major independent force of one corps.
- (4) Administration and rehabilitation of an area in which civil means are inadequate because of natural disaster or enemy action.

b. When augmentation of director of civil affairs (Off 3 EM 2), comptroller (Off 3 WO 1 EM 6), and dental section (Off 1 EM 2) is authorized, staff supervision is provided for civil affairs, comptroller activities, and dental activities, respectively.

c. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself against hostile ground attack.

Strength. Off 115 ANC 1 WO 12 EM 200 Agg 328.

Basis of allocation. As required; normally one for the support of a force of approximately 100,000 troops.

Mobility. Fixed.

54-202D HQ & HQ Co, LOGCOMD C

Mission. To command an integrated organization with a total strength of from 75,000 to 150,000 men.

Assignment. Normally to theater army or oversea command.

Capabilities. a. Provides the organizational structure and a nucleus of a minimum number of trained logisticians and administrative personnel to provide the headquarters, logistical command, for—

- (1) Theater army logistical command.
- (2) A base logistical command.
- (3) An advance logistical command.
- (4) A logistical command in support of a major independent force of four or more divisions.
- (5) Administration and rehabilitation of an area in which civil means are inadequate because of natural disaster or enemy action.

PART II

b. When augmentation of comptroller (Off 4 WO 1 EM 9) and dental section (Off 2 EM 2) is authorized, staff supervision is provided for comptroller and dental activities, respectively.

c. Individuals of this unit, except chaplain and medical personnel, can fight as infantrymen when required. The unit has the capability of defending itself against hostile ground attack.

Strength. Off 170 ANC 1 WO 18 EM 319 Agg 508.

Basis of allocation. As required; normally one for the theater army logistical command and one for each advance logistical command and each base logistical command.

Mobility. Fixed.

Section X. TYPE B UNITS

These units are composed of a minimum of US personnel necessary to perform command, supervision, technical assistance, and specialized maintenance for the unit plus the non-US personnel of the appropriate skills. Logistical support and pay scales of the non-US personnel will be as determined by the theater commander and national authorities.

3-47E Chemical Maintenance Company
Off 3 EM 75 Agg 78.

3-67D Chemical Depot Company
Off 4 WO 1 EM 76 Agg 81.

3-77E Chemical Processing Company
Off 4 EM 35 Agg 39.

3-117D Chemical Depot Company, Communications Zone
Off 2 WO 2 EM 31 Agg 35.

3-217D Chemical Decontamination Company
Off 4 EM 42 Agg 46.

3-267E Chemical Smoke Generator Company
Off 7 EM 82 Agg 89.

5-35D Engineer Combat Battalion, Army
Off 30 WO 3 EM 549 Agg 582.

5-48D Engineer Supply Point Company
Off 2 WO 1 EM 56 Agg 59.

5-54D Engineer Light Equipment Company or Engineer Light Equipment Company, Airborne
Off 5 WO 1 EM 167 Agg 173 (Engineer Light Equipment Company).
Off 6 WO 1 EM 124 Agg 131 (Engineer Light Equipment Company, Airborne).

5-55D Engineer Topographic Battalion, Army
Off 18 WO 8 EM 259 Agg 285.

5-67D Engineer Water Supply Company
Off 5 EM 61 Agg 66.

5-77E Engineer Panel Bridge Company
Off 3 EM 100 Agg 103.

5-96D Headquarters and Headquarters Detachment, Engineer Camouflage Battalion
Off 6 WO 3 EM 41 Agg 50.

5-97E Engineer Camouflage Company
Off 5 EM 57 Agg 62.

5-114D Engineer Construction Support Company
Off 5 WO 1 EM 133 Agg 139.

5-115D Engineer Construction Battalion
Off 29 WO 12 EM 691 Agg 732.

5-124D Engineer Dumptruck Company
Off 3 WO 1 EM 80 Agg 84.

5-129D Engineer Port Construction Company
Off 7 WO 5 EM 29 Agg 41.

5-237D Engineer Maintenance Company, Direct Support
Off 5 WO 5 EM 152 Agg 162.

5-267D Engineer Depot Company
Off 4 WO 2 EM 173 Agg 179.

5-278E Engineer Heavy Maintenance Company
Off 4 WO 5 EM 182 Agg 191.

5-344R Engineer Base Map Depot Company
Off 1 WO 3 EM 26 Agg 30.

5-346D Headquarters and Headquarters Detachment, Engineer Base Topographic Battalion
Off 6 WO 3 EM 13 Agg 22.

5-347D Engineer Base Reproduction Company
Off 2 WO 3 EM 25 Agg 30.

5-348D Engineer Base Survey Company
Off 6 WO 4 EM 27 Agg 37.

5-349D Engineer Base Photomapping Company
Off 4 WO 3 EM 29 Agg 36.

5-387D Engineer Forestry Company
Off 4 EM 14 Agg 18.

5-500C Engineer Service Organization

Part 2—Supply Teams

Team BA: WO 1 EM 20 Agg 21.

Part 5—Equipment Operating Teams

Team GD: Off 1 EM 23 Agg 24.

Part 6—Construction, Utilities, and Electric Power Teams

Team HK: Off 1 EM 9 Agg 10.

Team HO: Off 1 EM 19 Agg 20.

6-401D Headquarters and Headquarters Battery, Field Artillery Group
Off 16 WO 2 EM 85 Agg 103.

6-415D Field Artillery Howitzer Battalion, 8-inch, Towed or Self-Propelled
Off 30 WO 3 EM 499 Agg 532.

6-501D Headquarters and Headquarters Battery, Corps Artillery or Airborne Corps Artillery
Off 26 WO 4 EM 122 Agg 152.
(Not adaptable to type B organization when organized as airborne corps artillery.)

6-558D Field Artillery Searchlight Battery
Off 8 EM 135 Agg 143.

8-57D Medical Holding Company
Off 8 EM 40 Agg 48.

8-128D Medical Clearing Company
Off 13 EM 98 Agg 111.

8-129D Medical Collecting Company
Off 5 EM 61 Agg 66.

8-187D Medical Depot
Off 8 WO 1 EM 76 Agg 85.

8-204D Preventive Medicine Laboratory, Field
Off 13 EM 79 Agg 92.

8-510D Field Hospital
Off 19 ANC 31 WO 4 EM 114 Agg 168.

8-520D Ambulance Train, Rail
Off 3 ANC 5 EM 26 Agg 34.

8-564D Station Hospital, 200-Bed, Communications Zone
Off 14 ANC and WMSC 25 WO 2 EM 76 Agg 117.

8-565E Station Hospital, 300-Bed
Off 11 ANC 1 WO 2 EM 138 Agg 152.

8-566D Station Hospital, 500-Bed, Communications Zone
Off 29 ANC and WMSC 68 WO 5 EM 187 Agg 289.

8-590D Convalescent Center, Army or Communications Zone
Off 49 WO 4 EM 188 Agg 241.

8-650D Medical Laboratory
Off 24 EM 78 Agg 102.

8-667D Army Medical Depot
Off 14 WO 2 EM 119 Agg 135.

9-7D Ordnance Direct Support Company
Off 8 WO 1 EM 143 Agg 152.

9-9D Ordnance General Support Company
Off 5 WO 2 EM 50 Agg 57.

9-17D Ordnance Ammunition Company
Off 7 WO 1 EM 188 Agg 196.

9-57D Ordnance Field Supply Company
Off 3 WO 4 EM 105 Agg 112.

9-117T Ordnance Tire Repair Company
Off 5 WO 1 EM 104 Agg 110.

9-127D Ordnance Direct Automotive Support Company
Off 8 WO 1 EM 94 Agg 103.

9-137E Ordnance Park Company
Off 5 WO 1 EM 124 Agg 130.

9-167D Ordnance Collection and Classification Company
Off 4 WO 1 EM 125 Agg 130.

9-197D Ordnance General Automotive Support Company
Off 5 WO 3 EM 47 Agg 55.

9-227D Ordnance Guided Missile General Support Company
Off 3 WO 5 EM 119 Agg 127.

9-348D Ordnance Motor Vehicle Assembly Company
Off 3 WO 2 EM 146 Agg 151.

PART II

- 9-357D Ordnance Field Maintenance Company
Off 6 WO 2 EM 207 Agg 215.
- 9-367D Ordnance Supply Depot Company
Off 3 WO 4 EM 110 Agg 117.
- 10-67C Quartermaster Service Company
Off 5 EM 19 Agg 24.
- 10-77D Quartermaster Petroleum Supply Company, Mobile
Off 6 EM 32 Agg 38.
- 10-105D Quartermaster Direct Support Battalion
Off 19 WO 4 EM 294 Agg 317.
- 10-127R Quartermaster Parts Company
Off 3 EM 25 Agg 28.
- 10-147D Quartermaster Bakery Company
Off 4 EM 92 Agg 96.
- 10-157D Quartermaster Sales Company
Off 3 WO 4 EM 51 Agg 58.
- 10-167D Quartermaster Laundry Company
Off 5 EM 48 Agg 53.
- 10-187D Quartermaster Salvage Company
Off 3 EM 63 Agg 66.
- 10-197C Quartermaster Subsistence Supply Company
Off 5 EM 57 Agg 62.
- 10-227D Quartermaster Clothing and General Supplies Depot Company
Off 6 WO 1 EM 133 Agg 140.
- 10-247C Quartermaster Refrigeration Company
Off 4 EM 121 Agg 125.
- 10-257D Quartermaster Clothing Exchange and Bath Company
Off 3 EM 27 Agg 30.
- 10-297D Quartermaster Graves Registration Company
Off 5 EM 119 Agg 124.
- 10-347D Quartermaster Field Maintenance Company, Direct Support
Off 6 WO 2 EM 187 Agg 195.
- 10-348D Quartermaster Field Maintenance Company, General Support
Off 4 WO 2 EM 166 Agg 172.
- 10-349D Quartermaster Equipment Maintenance Company
Off 8 WO 1 EM 129 Agg 138.
- 10-375C Quartermaster Subsistence Depot Company
Off 6 WO 1 EM 120 Agg 127.
- 10-367C Quartermaster Supply Depot Company
Off 2 WO 2 EM 74 Agg 78.
- 10-377D Quartermaster Petroleum Depot Company
Off 10 WO 2 EM 168 Agg 180.
- 10-407D Quartermaster Aerial Supply Company
Off 6 WO 6 EM 101 Agg 113.
- 10-417D Quartermaster Air Equipment Repair and Depot Company
Off 3 WO 5 EM 101 Agg 109.
- 10-427C Quartermaster Mechanical and Metal Repair Company
Off 2 WO 2 EM 92 Agg 96.
- 10-445D Quartermaster General Support Battalion
Off 35 WO 5 EM 390 Agg 430.
- 10-467D Quartermaster Supply Depot Company
Off 5 WO 4 EM 147 Agg 156.
- 11-25D Signal Construction Battalion
Off 28 WO 3 EM 618 Agg 649.
- 11-95D Army Signal Battalion
Off 39 WO 13 EM 998 Agg 1,050.
- 11-137D Signal Communications Center Operations Company
Off 11 EM 194 Agg 205.
- 11-587R Signal Base Maintenance Company
Off 4 WO 6 EM 74 Agg 84.
- 11-597R Signal Base Depot Company
Off 2 WO 6 EM 19 Agg 27.
- 12-17D Special Services Company
Off 6 EM 36 Agg 42.
- 12-512D Adjutant General Publications Organization
- Part 1—Adjutant General Publications Center**
Off 1 WO 1 EM 1 Agg 3.
- Part 2—Adjutant General Publications Depot**
Type X: Off 2 WO 1 EM 14 Agg 17.
Type Y: Off 3 WO 1 EM 18 Agg 22.
Type Z: Off 3 WO 1 EM 22 Agg 26.
- Part 3—Adjutant General Printing Plants**
Type X: Off 1 WO 1 EM 14 Agg 16.

	Type Y: Off 1 WO 1 EM 19 Agg 21.		Truck, cargo, 2½-ton: Off 4 WO 1 EM 66 Agg 71.
	Type Z: Off 1 WO 1 EM 20 Agg 22.		Truck, cargo, 5-ton: Off 4 WO 1 EM 71 Agg 76.
12-520D	Base Post Office	55-18D	Transportation Medium Truck Company
	Type O: Off 3 WO 1 EM 37 Agg 41.		Semitrailer, cargo, 12-ton: Off 4 WO 1 EM 75 Agg 80.
	Type P: Off 3 WO 2 EM 60 Agg 65.		Semitrailer, gasoline tank, 12-ton: Off 4 WO 1 EM 79 Agg 84.
	Type R: Off 5 WO 2 EM 88 Agg 95.		Semitrailer, refrigerator, light-weight: Off 4 WO 1 EM 90 Agg 95.
	Type S: Off 6 WO 2 EM 113 Agg 121.	55-19D	Transportation Car Company, Army, Communications Zone, or Airborne Corps
	Type T: Off 8 WO 3 EM 160 Agg 171.		Off 4 WO 1 EM 53 Agg 58. (Not adaptable to type B organization when organized as airborne car company.)
	Type U: Off 10 WO 3 EM 209 Agg 222.	55-27C	Transportation Cargo Carrier Company (Tracked)
12-605D	Army Postal Unit, General Assignment		Off 5 WO 1 EM 32 Agg 38.
	Type D: Off 1 EM 9 Agg 10.	55-28D	Transportation Heavy Truck Company
	Type E: Off 1 EM 11 Agg 12.		Off 4 WO 1 EM 95 Agg 100.
	Type F: Off 1 EM 14 Agg 15.	55-56D	Headquarters and Headquarters Detachment, Transportation Transport Aircraft Battalion
	Type G: Off 1 WO 1 EM 17 Agg 19.		Off 11 WO 2 EM 51 Agg 64.
	Type H: Off 1 WO 1 EM 19 Agg 21.	55-117D	Transportation Terminal Service Company
	Type I: Off 1 WO 1 EM 25 Agg 27.		Off 5 WO 1 EM 107 Agg 113.
	Type J: Off 1 WO 1 EM 31 Agg 33.	55-126D	Headquarters and Headquarters Company, Transportation Boat Battalion
19-247C	Military Police Guard Company		Off 11 WO 2 EM 61 Agg 74.
	Off 4 EM 120 Agg 124.	55-127D	Transportation Light Boat Company
41-500D	Civil Affairs Organization		Off 7 WO 1 EM 209 Agg 217.
	Part I—Administrative Headquarters Teams	55-128D	Transportation Medium Boat Company
	Team AB: Off 5 WO 1 EM 15 Agg 21.		Off 6 WO 1 EM 183 Agg 190.
	Team AC: Off 11 WO 4 EM 23 Agg 38.	55-129D	Transportation Heavy Boat Company
44-15D	Air Defense Artillery Gun Battalion, 90-mm		Off 4 WO 26 EM 113 Agg 143.
	Off 29 WO 8 EM 504 Agg 541.	55-137D	Transportation Amphibious Truck Company
44-85E	Air Defense Artillery Automatic Weapons Battalion, Self-Propelled		Off 5 WO 1 EM 132 Agg 138.
	Off 37 WO 3 EM 513 Agg 553.		
55-16D	Headquarters and Headquarters Detachment, Transportation Truck Battalion		
	Off 7 WO 2 EM 33 Agg 42.		
55-17E	Transportation Light Truck Company		

PART II

- 55-147D Transportation Staging Area Company
Off 6 WO 1 EM 56 Agg 63.
- 55-157D Transportation Floating Craft Depot Maintenance Company
Off 10 WO 7 EM 152 Agg 169.
- 55-187D Transportation Aerial Tramway Company
Off 5 EM 100 Agg 105.
- 55-217R Transportation Electric Power Transmission Company
Off 4 EM 61 Agg 65.
- 55-225R Transportation Railway Operating Battalion
Off 28 WO 2 EM 400
Agg 430 (using steam locomotives).
Off 28 WO 2 EM 424 Agg 454
(using diesel-electric locomotives).
Off 29 WO 2 EM 415 Agg 446
(using both steam and diesel-electric locomotives).
- 55-235R Transportation Railway Shop Battalion
Off 22 WO 2 EM 386 Agg 410.
- 55-260D Transportation Depot Company
Off 3 WO 3 EM 55 Agg 61.
- 55-457D Transportation Aircraft Direct Support Company
Off 7 WO 2 EM 136 Agg 145.
- 55-468D Transportation Transport Aircraft Direct Support Company
Off 6 WO 3 EM 151 Agg 160.
- 55-469D Transportation Light Transport Helicopter Direct Support Maintenance and Supply Company
Off 7 WO 4 EM 248 Agg 259.

The type B strength for the following units are the same as when organized at full strength:

5-500C Engineer Service Organization

Part 1—Administrative and Headquarters Teams

Team AA	Team AC
Team AB	Team AD

Part 2—Supply Teams

Team BB	Team BC
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Part 3—Maintenance and Parts Teams

Team EA	Team ED
Team EB	Team EE
Team EC	Team EF
Team EG	

Part 4—Firefighting Teams

Team FA	Team FB
Team FD	

Part 5—Equipment Operating Teams

Team GB	Team GH
Team GE	Team GI
Team GF	Team GJ
Team GG	Team GK

Part 6—Construction, Utilities, and Electric Power Teams

Team HA	Team HG
Team HB	Team HH
Team HC	Team HI
Team HD	Team HJ
Team HE	Team HL
Team HF	Team HM

Part 7—Topographic and Intelligence Teams

Team IA	Team IG
Team IB	Team IH
Team IC	Team IJ
Team ID	Team IK
Team IE	Team IL
Team IF	Team IM

Part 8—Dredge Crews

Team JA	Team JC
Team JB	Team JD
Team JE	

12-605D Army Postal Unit, General Assignment

Type A	Type B
Type C	

41-500D Civil Affairs Organization

Part 1—Administrative Headquarters Teams

Team AA

Part 2—Supply Teams

Team BA	Team BB
Team BC	

Part 3—Food Service Team
Team CA

Part 4—Functional Teams

Team FA	Team JB
Team FB	Team KA
Team FC	Team KB
Team FD	Team KC
Team GA	Team LA
Team GB	Team LB
Team GC	Team LC
Team HA	Team MA
Team HB	Team MB
Team HC	Team MC
Team IA	Team MD
Team IB	Team NA
Team IC	Team NB
Team JA	Team NC

Team ND
Team OA
Team OB
Team OC
Team PA
Team PB
Team PC
Team PD
Team QA
Team QB
Team QC
Team RA
Team RB
Team RC
Team SA
Team SB
Team SC

Team TA
Team TB
Team TC
Team UA
Team UB
Team UC
Team VA
Team VB
Team VC
Team WA
Team WB
Team WC
Team WD
Team XA
Team XB
Team XC
Team YA

Table II. Field Artillery (Nondivisional) Major Weapons, Vehicles, Vehicular Equipment

1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	Units	HQ and sp units			Lt arty								Mdm arty				Hv and VH arty											
		HQ & HQ btry, corps arty or abn corps arty ¹ 2 TOE 6-501D	HQ & HQ btry, FA gp ⁵ TOE 6-401D	FA sft btry TOE 6-558D	FA how bn, 105-mm, towed TOE 6-405D				FA how bn, 105-mm, SP TOE 6-315D				FA how bn, 155-mm, towed or SP ⁷ TOE 6-425D				FA how bn, 8-in, towed TOE 6-415D				FA how bn, 8-in, SP TOE 6-415D				FA gun bn, 280-mm TOE 6-535D			
					Total bn ⁶	HQ & HQ btry ⁶ TOE 6-406D	3 FA btry (ea) TOE 6-407D	Svc btry TOE 6-409D	Total bn ⁶	HQ & HQ btry ⁶ TOE 6-316D	3 FA how btry (ea) TOE 6-317D	Svc btry TOE 6-319D	Total bn ⁶ 7	HQ & HQ btry ⁶ TOE 6-426D	3 FA btry (ea) TOE 6-427D	Svc btry TOE 6-429D	Total bn ¹⁰	HQ & HQ btry ¹⁰ TOE 6-416D	3 FA btry (ea) TOE 6-417D	Svc btry TOE 6-419D	Total bn ¹⁰	HQ & HQ btry ¹⁰ TOE 6-416D	3 FA btry (ea) TOE 6-418D	Svc btry TOE 6-419D	Total bn ¹¹	HQ, H&S btry ¹¹ TOE 6-536D	3 FA btry (ea) TOE 6-537D	
Item																												
Weapons																												
2	Gun, mach, cal .50, Bng, hv bbl, flex	2	1														(4)	2		2	(4)	2		2				
3	Gun, mach, 7.62-mm, lt-weight, GP	2	3	23	(43)	12	8	7	(30)	5	6	7	(43)	12	8	7	(20)	3	5	2	(17)	3	4	2	(18)	6	4	10
4	Gun, submach, cal .45																				(1)			1				
5	Gun, hv mtz, 280-mm																								(6)		2	
6	How, 105-mm, on carriage				(18)		6																					
7	How, 105-mm, SP								(18)		6																	
8	How, 155-mm, on carriage												⁸ (18)		⁸ 6													
9	How, 155-mm, SP												⁹ (18)		⁹ 6													
10	How, 8-in, on carriage																(12)		4									
11	How, 8 in, SP, full-tracked																											
12	Launcher, rkt, 3.5-in	3	3	4	(47)	6	12	5	(23)	5	4	6	(26)	6	6	2	(30)	6	7	3	(30)	6	7	3	(20)	5	5	13
13	Launcher, 762-mm rkt, trk-mtd																											
14	Pistol, auto semiauto, cal .45	19	14	1	(22)	15	2	1	(26)	15	2	5	(24)	15	2	3	(13)	9	1	1	(13)	7	1	3	(23)	17	2	4
15	Rifle, selective, auto semiauto, 7.62-mm, hv bbl																(28)	4	7	3	(28)	4	7	3				5
16	Rifle, selective, auto semiauto, 7.62-mm, lt bbl																(539)	104	122	69	(488)	104	105	69				
17	Rifle, semiauto, 7.62-mm, lt bbl	151	106	165	(501)	115	104	74	(495)	115	101	77	(560)	119	118	87									(443)	134	103	240
18	Individual weapons	170	120	166	(523)	130	106	75	(521)	130	103	82	(584)	134	120	90	(580)	117	130	73	(530)	115	113	76	(466)	151	105	245
19	Crew-served weapons	7	7	27	(108)	18	26	12	(71)	10	16	13	(87)	18	20	9	(66)	11	16	7	(63)	11	15	7	(44)	11	11	33
20	Total weapons	177	127	193	(631)	148	132	87	(592)	140	119	95	(671)	152	140	99	(646)	128	146	80	(593)	126	128	83	(510)	162	116	278
Aircraft																												
21	Airplane, obsn, lt	2	1		(2)	2			(2)	2			(1)	1			(2)	2			(2)	2			(2)	2		
22	Airplane, util	1																										
23	Hel, obsn		1																									
24	Total aircraft	3	2		(2)	2			(2)	2			(1)	1			(2)	2			(2)	2			(2)	2		
Tracked Vehicles																												
25	Carrier, pers, full-tracked								(7)	4	1																	
26	How, 105-mm, SP, full-tracked								(18)		6																	
27	How, 155-mm, SP, full-tracked												⁹ (18)	⁹ 6														
28	How, 8-in, SP, full tracked																											
29	Tk recovery vehicle, mdm								(2)			2	(1)			1					(12)		4					
30	Trac, full-tracked, high-speed, mdm												⁸ (18)	⁸ 6		(6)		2		(1)			1	(1)	1			
31	Trac, full-tracked, low speed, diesel-driven, mdm DBP																								(3)		1	1
32	Total tracked vehicles								(27)	4	7	2	(19)		6	1	(6)		2		(13)		4	1	(4)	1	1	1
Wheeled Vehicles																												
33	Heating and tie-down unit, 762-mm rkt, trk-mtd																											8
34	Launcher, 762-mm rkt, trk-mtd																											4
35	Searchlight set, carbon arc, 60-in diam reflector, DC, 78V, trk-mtd			18																								
36	Trk, amb, frontline, ¼-ton, 4x4																											
37	Trk, util, ¼-ton, 4x4	23	14	5	(27)	13	4	2	(23)	11	3	3	(26)	14	3	3	(25)	12	4	1	(25)	12	4	1	(35)	11	8	16
38	Trk, amb, fld, ¾-ton, 4x4				(1)	1							(1)	1			(1)	1			(1)	1			(1)	1		
39	Trk, cgo, ¾-ton, 4x4	¹⁵	12	9	(14)	6	2	2	(25)	12	4	1	(13)	5	2	2	(28)	14	4	2	(22)	14	2	2	(19)	7	4	17
40	Trk, cgo, ¾-ton, 4x4, WWN	3	1		(20)	11	3		(2)	2			(19)	13	2		(4)	1	1		(10)	1	3		(12)	3	3	4
41	Trk, ¾-ton, 6x6, XM408								(1)	1																		
42	Trk, cgo, 2½-ton, 6x6, LWB	⁴⁹	4	1	(15)	2	2	7	(5)	1		4	(15)	2	2	7	(8)	2	1	3	(8)	2	1	3	(17)	8	3	9
43	Trk, cgo, 2½-ton, 6x6, LWB, WWN	3	3	5	(34)	2	10	2	(15)	3	3	3	(10)	3	1	4	(15)	2	2	7	(15)	2	2	7	(9)	3	2	8
44	Trk, shop van, 2½-ton, 6x6				(1)	1			(1)	1			(1)	1			(4)	1	1		(4)	1	1		(3)		1	5
45	Trk, tk, fuel svc, 2½-ton, 6x6	1	1						(2)			2																
46	Trk, cgo, 5-ton, 6x6, LWB				(3)			3	(2)			2	(3)			3									(21)	9	4	
47	Trk, cgo, 5-ton, 6x6, LWB, WWN				(4)			4	(12)		2	6	(15)		4	3					(12)		4					
48	Trk, mdm wkr, 5-ton, 6x6, WWN				(1)			1	(1)			1	(1)			1	(1)			1	(1)			1	(1)	1		5
49	Trk, trac, 5-ton, 6x6, SWB																								(3)			1
50	Trk, cgo, 5-ton, 6x6,																											

Table XI. Armor (Nondivisional) Major Weapons and Vehicles

1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Units	HQ & HQ co, armor sq TOE 17-32D	Armd cav regt TOE 17-51D							Armor bn, 90-mm TOE 17-25D			Sep tk co, 76-mm or 90-mm TOE 17-17D	Armd amph bn TOE 17-115D			
	Total regt ¹		HQ & HQ trp ¹ TOE 17-52D	Avn co TOE 1-57D	3 armd cav sqdn (ea) TOE 17-55D				Total bn ²	HQ & HQ co ² TOE 17-26D	4 mdm tk co (ea) TOE 17-27D	Total bn		HQ & HQ co TOE 17-116D	3 armd amph co (ea) TOE 17-117D		
					Total sqdn	HQ & HQ trp TOE 17-56D	3 armd cav trp (ea) TOE 17-57D	Tk trp TOE 17-27D								FA how btry, 105-mm, SP TOE 6-37D	
Item																	
Weapons																	
2	Gun, mach, cal .50, Bng, hv bbl, flex	5	(77)	2		(25)	17	2	2		(23)	15	2	2	(7)	4	1
3	Gun, mach, 7.62-mm, lt-weight, GP		(184)	4	6	(58)	2	15		11	(16)	16					
4	Gun, submach, cal .45		(280)	4		(92)	8	16	36		(156)	12	36	36			
5	Gun, tk, 76-mm		(71)	2		(23)	2	7						17			
6	Gun, tk, 90-mm or 105-mm		(51)			(17)			17		(72)	4	17	17			
7	How, 105-mm, SP		(18)			(6)			6								
8	Launcher, rkt, 3.5-in	4	(124)	9	4	(37)	13	6	3	3	(40)	28	3	3	(17)	11	2
9	Mortar, 4.2-in, SP, full-tracked		(27)			(9)		3			(4)	4					
10	Pistol, semiauto, cal .45	7	(790)	22	42	(242)	26	44	82	2	(370)	42	82	89	(421)	70	117
11	Rifle, semiauto, 7.62-mm, lt bbl	56	(2,011)	94	126	(597)	153	105	21	108	(345)	261	21	33	(346)	145	67
12	Individual weapons	63	(3,081)	120	168	(931)	187	165	139	110	(871)	315	139	158	(767)	215	184
13	Crew-served weapons	9	(552)	17	10	(175)	34	33	28	14	(83)	63	5	39	(24)	15	3
14	Total weapons	72	(3,633)	137	178	(1,106)	221	198	167	124	(954)	378	144	197	(791)	230	187
Aircraft																	
15	Airplane, obsn, lt		(9)		9						(1)	1					
16	Airplane, survl, cmbt		(4)		4												
17	Hel, transport, lt		(6)		6												
18	Hel, obsn		(7)		7												
19	Total aircraft		(26)		26						(1)	1					
Tracked Vehicles																	
20	Carrier, mortar, 4.2-in, SP, full-tracked		(29)	2		(9)		3									
21	Carrier, pers, full-tracked		(85)	4		(27)	8	5	2	2	(17)	9	2	3			
22	How, 105-mm, SP, full-tracked		(18)			(6)			6								
23	Landing veh, tracked, how, LVT 4 ³														(51)		17
24	Landing veh, tracked, pers, LVT 6 ³														(25)	16	3
25	Landing veh, tracked, recov ³														(5)	2	1
26	Tk, cmbt, full-tracked, lt gun		(71)	2		(23)	2	7						17			
27	Tk, cmbt, full-tracked, mdm gun		(51)			(17)			17		(72)	4	17	17			
28	Tk recovery vehicle, mdm		(18)			(6)	2	1	1		(6)	2	1	1			
29	Total tracked vehicles		(272)	8		(88)	12	16	26	2	(95)	15	20	38	(81)	18	21
Wheeled Vehicles																	
30	Trk, amb, frontline, ¼-ton, 4x4		(16)	1		(5)	5								(4)	4	
31	Trk, util, ¼-ton, 4x4	9	(244)	14	5	(75)	13	18	3	5	(44)	2	3	3	(22)	16	2
32	Trk, cgo, ¾-ton, 4x4	1	(30)	5	13	(4)	1			3	(4)	4			(2)	2	
33	Trk, cgo, ¾-ton, 4x4, WWN		(28)	3	4	(7)	4	1			(2)	2			(3)	3	
34	Trk, ¾-ton, 6x6, XM408										(5)	5					
35	Trk, cgo, 2½-ton, 6x6, LWB	5	(37)	4	12	(7)	2	1	1	1	(6)	2	1	1	(7)	4	1
36	Trk, cgo, 2½-ton, 6x6, LWB, WWN	1	(44)	1	7	(12)	6	1	1	2	(11)	7	1	2	(8)	5	1
37	Trk, shop van, 2½-ton, 6x6		(3)		3												
38	Trk, lt wkr, 2½-ton, 6x6, WWN		(1)		1												
39	Trk, tk, gas, 2½-ton, 6x6, with kit segregator		(21)		3	(6)	6				(6)	6		2	(1)	1	
40	Trk, cgo, 5-ton, 6x6, LWB		(34)	1		(11)	11				(20)	20		2	(5)	5	
41	Trk, cgo, 5-ton, 6x6, LWB, WWN		(6)			(2)				2	(4)	4		2	(2)	2	
42	Trk, mdm wkr, 5-ton, 6x6, WWN		(7)	1		(2)	2				(3)	3			(3)	3	
43	Total wheeled vehicles	16	(471)	30	48	(131)	50	21	5	13	(105)	85	5	12	(57)	45	4
Trailers																	
44	Chassis, tlr, genr, 2½-ton, 2-wheel		(1)		1												
45	Tlr, amph, cgo, ¼-ton, 2-wheel	4	(49)	5	5	(13)	2	2	1	4	(13)	9	1	1	(10)	7	1
46	Tlr, cgo, ¾-ton, 2-wheel		(46)	3	16	(9)	3	1		3							
47	Tlr, cgo, 1½-ton, 2-wheel	5	(105)	8	13	(28)	19	2	2	1	(30)	22	2	5	(11)	8	1
48	Tlr, tk, water, 1½-ton, 2-wheel	1	(20)	1	1	(6)	1	1	1	1	(6)	2	1	1	(4)	1	1
49	Tlr, ammo, 2-ton, 2-wheel		(18)			(6)	4			2							
50	Total trailers	10	(239)	17	36	(62)	29	6	4	11	(49)	33	4	7	(25)	16	3

¹ Includes cas rept team and awards and decorations team aug.² Includes avn sec aug.³ Developmental item.



BY ORDER OF THE SECRETARY OF THE ARMY:

G. H. DECKER,
*General, United States Army,
Chief of Staff.*

Official:

J. C. LAMBERT,
*Major General, United States Army,
The Adjutant General.*

Distribution:

Active Army:

DCSPER (10)
ACSI (10)
DCSOPS (10)
DCSLOG (10)
ACSRC (10)
CCA (2)
COA (2)
CARROTC (2)
CofF (2)
CINFO (2)
CNGB (2)
CLL (2)
CRD (2)
CMH (2)
TIG (2)
TJAG (2)
TPMG (2)
TAG (2)
CofCh (2)
Tech Stf, DA (2)
USCONARC (35)
ARADCOM (10)
ARADCOM Rgn (5)
OS Maj Comd (5)
LOGCOMD (5)
MDW (1)
Armies (25)
Corps (15)
Div (10)
USATC FA (10)
USATC Armor (10)
USATC Engr (10)
USATC Inf (10)
USATC AD (10):
Bde (5)
Regt/Gp/Bg (5),
Bn (2)
Instls (2)

USACGSC (3600)
USAWC (5)
USMA (10)
TAGSUSA (300)
US ARADSCH (525)
USAARMS (1000)
USAAMS (1000)
USAAVNS (16)
USACMLCSCH (500)
USAES (1560)
FSUSA (100)
USAIS (2000)
TJAGSA (5)
MFSS (888)
USA Ord Sch (15)
USAOGMS (150)
PMGS (450)
USAQMS (800)
USASA Sch (100)
USASCS (1325)
USASWS (50)
USATSCH (500)
USAINTC (300)
PMS Sr Div Units (2)
PMS Jr Div Units (2)
PMS Mil Sch Div Units (2)
GENDEP (5)
Sup Sec, GENDEP (5)
Dep (5)
Arsenals (1)
PG (2) except
USAEPG (100)
USA Trans Tml Comd (2)
USA Corps (1)
MAAG (2)
Mil Msn (1)
Units organized under following TOE:
17-22 (5)

NG: State Ag (3); Units—Corps (5); Div (5); Div Arty (5); Bde (5); Regt/Gp/Bg (3); Bn (1); TOE 17-22 (3); TOE 17-62 (3).

USAR: Same as Active Army except allowance is one copy to each unit.

For explanation of abbreviations used, see AR 320-50.



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